

OMNNI ASSOCIATES, INC. ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 1-800-571-6677 920-735-6900 FAX 920-830-6100

December 22, 2010

HPer 3/31/11 conversation w/ Don Brithnacher, the utility work was an the S. Side of the Rod. DEK is an N. Side of Rod. They found nothing on S. Side

Ms. Sue Olson City of Appleton 100 North Appleton Street Appleton, WI 54911

RE: Documentation of the excavation of petroleum contaminated soil from the right-of-way at ten locations along STH 96 (Wisconsin Ave.), Appleton.

Dear Ms. Olson:

During the 2010 road construction season, OMNNI coordinated the excavation and proper disposal of petroleum contaminated soil from ten sites, as part of the STH 96 (Wisconsin Ave.) reconstruction project in Appleton. The project involves a two-mile urban section of Wisconsin Ave., from Erb St. on the west end to Ballard Rd. on the east end. (See Map of Sites of Interest, Appendix 1.) The first phase of the project, involving utility work, took place in 2010. The reconstruction of the roadway will take place in 2011.

This stretch of Wisconsin Ave. has a long history as a major east-west arterial in Appleton. Many of its intersections contained multiple gas stations, and a number of auto repair shops and dry cleaning establishments were also located along the roadway.

A 2006 Phase 1 hazardous materials assessment identified 36 known and potential sources of environmental impact along the project corridor. Phase 2 subsurface investigations were carried out in 2007 on 16 sites, many of them uninvestigated former gas stations. As a result of Phase 1 and Phase 2 activities, 28 sites of environmental interest to the road reconstruction project were identified.

In the fall of 2009, OMNNI submitted an application for pre-approval of disposal of contaminated soils at the Outagamie County Landfill (1419 Holland Rd., Appleton, WI 54911). Test results from prior investigations and from the 2007 Phase 2 boring program were submitted to the landfill for review. A soils staging protocol was also submitted for approval. The Outagamie County Landfill approved the application and staging procedure. (See materials in Appendix 2.) Approval was contingent on two conditions:

- 1. OMNNI would screen the soils in the field to make sure that any contaminated soils encountered were contaminated at levels consistent with previously known levels, and
- 2. The soils would first be staged at the landfill and tested, with final acceptance dependent on test results meeting landfill acceptance criteria.

Over the course of the utility phase of the project, OMNNI provided field services at 17 sites. A photoionization detector (PID) was utilized to aid in segregating clean from contaminated soils as utility excavation proceeded.

### Contamination was encountered at ten sites:

- 1. 307 W. Wisconsin Ave. (Garvey Parking Lot)
- 2. 111 W. Wisconsin Ave. (Open Pantry)
- 3. 100 W. Wisconsin Ave. (Christy's Service)
- 4. 104 E. Wisconsin Ave. (J&B Trophy)
- 5. 516 E. Wisconsin Ave. (Schoenbohm)
- 6. 800 E. Wisconsin Ave. (Pizza King)
- 7. 1216 E. Wisconsin Ave. (Moose Lodge)
- 8. 1302 E. Wisconsin Ave. (Red Cross)
- 9. 1322 E. Wisconsin Ave. (Wash Basket)
- 10. 1336 E. Wisconsin Ave. (Haviland Hearing Aid)

The depth and extent of contaminated soil was noted in the field. (See the field sheets in Appendix 3.) Contaminated soils were segregated and transported to the Outagamie County Landfill by Van Straten Construction Co. (2117 South Oneida St., Green Bay, WI 54304) or Jossart Brothers Construction (1682 Swan Rd., De Pere, WI 54115), the excavation contractors for the utility project. Contaminated soils were staged on plastic at the landfill, sampled, covered with plastic, and placarded. Soil samples were tested at Synergy Environmental Lab, Inc. (1990 Prospect Ct., Appleton, WI 54914) for gasoline range organics (GRO), diesel range organics (DRO), petroleum volatile organic compounds (PVOCs), and lead. Since the Red Cross site was formerly a dry cleaning establishment, full volatile organic compounds (VOCs) were analyzed. PVOCs were not analyzed at the Pizza King site.

Analytical test results were submitted to the Outagamie County Landfill, and were reviewed by the landfill's consultant. All test results met landfill acceptance criteria, and all staged soils were accepted for disposal at the landfill.

Laboratory results are found in Appendix 4. Landfilled volumes are found in Appendix 5.

Sincerely,

Don Brittnacher, P.G., P.E.

Hydrogeologist

cc: Mr. Tom Sturm, WDNR, 647 Lakeland Road, Shawano, WI 54166 (without laboratory sheets or landfill tickets)

Appendix 1: Map of Sites of Interest

Appendix 2: Landfill Approval Materials

Appendix 3: Field Sheets

Appendix 4: Laboratory Results
Appendix 5: Landfilled Volumes

From:

Prosa, Timothy A ~ DSPS

Sent:

Thursday, December 27, 2012 3:51 PM

To:

Victor, Elizabeth A - DNR

Cc:

David L. Fries (David.Fries@omnni.com)

Subject:

RE: D&K Asian Food Market (09-45-559345) - Closed 8/16/12

Elizabeth. Thank you.

Tim

Tim Prosa, PECFA Program Specialist- Senior Department of Safety and Professional Services PECFA Claim Review and Administrative Services Section 608-261-7715 phone 608-267-1381 fax timothy.prosa@wi.gov

From: Victor, Elizabeth A - DNR

Sent: Thursday, December 27, 2012 3:49 PM

To: Prosa, Timothy A - DSPS

**Cc:** David L. Fries (<u>David.Fries@omnni.com</u>) **Subject:** D&K Asian Food Market (09-45-559345)

Tim:

As discussed, this site was a PRP originally associated with BRRTs # 02-45-557561. Mr. Lor conducted investigation of his property at 122 W. Wisconsin Ave. under the PECFA program. The results of the investigation of his site were clean so we closed it with a "No Action Required" designation on August 16, 2012 (BRRTs code 801: No Detect or Insignificant Contamination) and then assigned his property a separate BRRTS #: 09-45-559345. His name was removed from BRRTs # 02-45-557561 and this case was designated as a phantom.

I have attached the BRRTs printout for Mr. Lor's property as well as my email to Dave Fries letting him know that no additional actions were required of Mr. Lor. If you need any additional information to process the claim give me a call.

Thanks,

Liz Victor

Elizabeth A. Victor, P.G.

Hydrogeologist
Oshkosh Service Center
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
(2) phone: (920) 303-5424

(🕿) fax:

(920) 424-4404

(**■**) e-mail:

elizabeth.victor@dnr.state.wi.us

From:

Victor, Elizabeth A - DNR

Sent:

Monday, August 27, 2012 12:52 PM

To:

David L. Fries (David.Fries@omnni.com)

Subject:

D&K Foods \_\_

122 W. WI. AVE

### Dave:

I have reviewed the August 8, 2012 results of the soil and groundwater data collected from D&K Asian Food Market during June and July and have no comments. The soil and groundwater analytical results were below the laboratory detection limits. No additional action is required by Mr. Lor. Please proceed with well abandonment and forward the documentation to me.

This work was done in response to a Potential Responsible Party letter; there will be no "rescind" letter sent. If Mr. Lor wants a letter from the DNR there may be a fee charged. Please tell Mr. Lor that if he or any potential buyers have questions they may contact me. I will forward you the No Action Required (NAR) number in a separate email.

Give me a call if you have any questions.

Liz

Blizabeth A. Victor, P.G.

Hydrogeologist

Oshkosh Service Center

Remediation and Redevelopment Program Wisconsin Department of Natural Resources

(2) phone:

(920) 303-5424

(雪) fax:

(920) 424-4404

(E) e-mail:

elizabeth.victor@dnr.state.wi.us

ISSUED AN NAR#

09 -45-559345

closed 8/16/12

From:

David L. Fries < David.Fries@omnni.com>

Sent:

Wednesday, December 19, 2012 3:47 PM

To:

Victor, Elizabeth A - DNR

Cc:

Deanna Drum

Subject:

FW: D & K Asian Food market 54911-4342-22

Liz, need your help. Please read below.

Thanks,

Dave

From: Deanna Drum

Sent: Wednesday, December 19, 2012 11:38 AM

To: David L. Fries

Subject: FW: D & K Asian Food market 54911-4342-22

Can you address with Tim?

From: Prosa, Timothy A - DSPS [mailto:Timothy.Prosa@Wisconsin.gov]

Sent: Wednesday, December 19, 2012 11:02 AM

To: Deanna Drum

Subject: D & K Asian Food market 54911-4342-22

Deanna. This claim was submitted Closure/No Further Action. Do you have a Closure letter or No Further Action Letter for this site? I cannot mark this claim a final without one these letters.

Tim

Tim Prosa, PECFA Program Specialist- Senior Department of Safety and Professional Services PECFA Claim Review and Administrative Services Section 608-261-7715 phone 608-267-1381 fax timothy.prosa@wi.gov

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From:

Victor, Elizabeth A - DNR

Sent:

Thursday, September 20, 2012 1:48 PM

To:

David L. Fries (David.Fries@omnni.com)

Subject:

D&K Foods, 122 W. Wisconsin Ave, Appleton (09-45-559345)

Hi Dave:

I received the well abandonment forms for the D&K Asian Food Market. The soil and groundwater investigation you performed in the area of the former tanks at the D&K property was assigned a "No Action Required" BRRTs #09-45-559345 and was closed on August 16, 2012.

The original case (BRRTs 02-45-557561) remains open as a "Phantom" Contamination Case. I have made a note in the file of the phantom case that D&K Asian Food Market was determined, based on your investigation, to not be the source of the impacts in the right-of-way.

If you have questions, please feel free to contact me at the number below.

Liz Victor



Hydrogeologist
Oshkosh Service Center
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources

(22) phone:

(920) 303-5424

(**雷**) fax:

(920) 424-4404

(⊡) e-mail:

elizabeth.victor@dnr.state.wi.us

From: Victor, Elizabeth A - DNR

**Sent:** Monday, August 27, 2012 12:52 PM **To:** David L. Fries (<u>David.Fries@omnni.com</u>)

Subject: D&K Foods

Dave:

I have reviewed the August 8, 2012 results of the soil and groundwater data collected from D&K Asian Food Market during June and July and have no comments. The soil and groundwater analytical results were below the laboratory detection limits. No additional action is required by Mr. Lor. Please proceed with well abandonment and forward the documentation to me.

This work was done in response to a Potential Responsible Party letter; there will be no "rescind" letter sent. If Mr. Lor wants a letter from the DNR there may be a fee charged. Please tell Mr. Lor that if he or any potential buyers have questions they may contact me. I will forward you the No Action Required (NAR) number in a separate email.

Give me a call if you have any questions.

Liz

Elizabeth A. Victor, P.G.

Copy to:



ONE SYSTEMS DRIVE APPLETON, WI 54914 920-735-6900 FAX 920-830-6100

# **LETTER OF TRANSMITTAL**

To: Ms. Elizabe WDNR 625 E. CTH Oshkosh, V	HY, Suite 70	0	Date: Project No.: Project: Client:	September 12, N2118A12 D and K Foods Shonger Lor	2012	
We are sending you Shop drawings Other Well ab	Attached Prints andonment	Plans Sample	via the following iten	ns:  Copy of letter	Change order	
Copies Date	No.		Description			
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For approval For your use As requested For review and con		Approved as submitted Approved as noted Returned for corrections Other Prints returned after lo	Submit	copies for appro _ copies for distribution corrected prints		
R + R - C RECEIN SEP 21 TRACK REVIEV	/ED 2012 43	•	Signed:  Dave Fries Hydrogeologist			

dave.fries@omnni.com

# Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 o

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one form to the appropriate DNR office and bureau. See instructions on reverse for more information.

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# Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one form to the appropriate DNR office and bureau. See instructions on reverse for more information.

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# Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 o

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7 Supervision of Work	4.7.644 3.2413 63.27 moz	ini Prancisco				
7. Supervision of Work Name of Person or Firm Doing Filling & Sealing Licens	Se # Data of Fill	- (2 2 m)	trus con the	* * * * * * * * * * * * * * * * * * *	Y DNR Use	Only (4) Miles of
UMNNI Associates			(mm/dd/yyy)   Z	/) Pate Receive	d. Note	ed By ***
Street or Route	Tele	phone Num		Comments 1	2 2 2 4 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
One Systems Drive	_ 19	20) 73	5-6900			<b>经济特别。但是国际信任的企业的</b>
Appleton State	ZIP Code 54914	ignature of	Person Doing	Vyork		Signed
1401	1, 2, 11 1		) aux			9/12/12

# Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 o

Notice: Completion of this report is required by the	SÓ 284 202 200 204 20	Form 3300-005 (R 4	(708) Page 1 of:
Notice: Completion of this report is required by chs. 10 with chs. 281, 289, 291-293, 295, and 299, Wis. Stats year, depending on the program and conduct involved form to the appropriate DNR office and burgay. See it	, failure to file this form m	3, 295, and 299, Wis. Stats., and ch ay result in a forfeiture of between 9	NR 141, Wis. Adm. Code. In accordance
year, depending on the program and conduct involved form to the appropriate DNR office and bureau. See in	<ul> <li>Personally identifiable in enstructions on reverse for</li> </ul>	nformation on this form is not intend	led to be used for any other purpose. Return
	Route to:		
Verification Only of Fill and Seal	Drinking Water	Watershed/Wastewat	er Romodinties ID-1
RIVET SPECIFIC A TYPE	Waste Manageme	nt Other:	er Remediation/Redevelopment
14 Value algri Information 14 m		M Facility/ Owner informati	VAVENCOM SAVER COMMENT
County WI Unique Well # of Removed Well	Hicap #	Facility Name	OUS CONTRACTOR OF THE CONTRACT
Dairegamie	MW4	L Dand K Asia	n Food Market
Lattitude / Longitude (Degrees and Minutes) Method	Code (see instructions)	Facility ID (FID or PWS)	- Control
· 'N	,		
·w		License/Permit/Monitoring #	
14/14 SE 14 SW Section Town	nship Range 274 F	Original Well Owner	
		S. E. VVSII S. Wildy	
Well Street Address	N W	Present Well Owner	
122 W. Wisconsin	Venue	Mr. Shonge	Lor
Well City, Village or Town Appleton WI	Well ZIP Code	Mailing Address of Present Owner	D. I
Subdivision Name	54914	City of Present Owner	<del>/</del>
	Lot#	OshKosh	State ZIP Code W   5490
Reason For Removal From Service   WI Unique Well	of Replacement Well	Pump, Cinen, Screen, Gasir	CONTRACTOR OF THE STATE OF THE
	ľ	Pump and piping removed?	
XXXIIV 9 Illiale / Ediancie information 200		Liner(s) removed?	Uyes □ No ØN/A □yes □ No ØN/A
Monitoring Welt Original Construction	Date (mm/dd/yyyy)	Screen removed?	∐Yes ∏no Ønya □Yes Øno □nya
Water Well		Casing left in place?	Yes No NA
please attach.	n Report is available,	Was casing cut off below surface	e?
Construction Type:		Did sealing material rise to surfa	ce? Yes No No
Dritled Driven (Sandpoint)	Dúg	Did material settle after 24 hours if yes, was hole retopped?	? Yes No NA
Other (specify):		If bentonite chins were used were	they bydrated Yes No N/A
Formation Type:		with water from a known safe soul equired Melhod of Placing Sealing	rce?
Unconsolidated Formation Bedrock	,	1 1 2	conductor Pipe-Pumped
Total Well Depth From Ground Surface (ft.) Casing Dia	ameter (in.)	Screened & Poured (Bentonite Chips)	Other (Explain): Gravity
Laure D. W. L. St.	<u></u> s	ealing Materials	(
Casing De	pth (ft.)	Neat Cement Grout	Clay-Sand Slurry (11 lb./gal. wt.)
Was well annular space grouted?	7. [7]	Sand-Cement (Concrete) Grou	Bentonite-Sand Slurry " "
If you to what do not	No Unknown	Concrete or Monitoring Wells and Monitoring	Bentonite Chips
Depth to Water	(feet)	Bentonite Chips	Bentonite - Cement Grout
5: Material Used to Fill Well / Orillhole		Granular Bentonite	Bentonite - Sand Sturry
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	La Deale Mr.	rom (ft) . To (ft) . No Yard	s Sacks Sealant: Mix Railo or mine (circle one)
Concrete		Surface 5	mile (circle:one)sate (sas Mud Weight
Bentonite		,5 /3,5	
6 Comments	TOTAL STREET	S 300 VA 1 V V V V V V V V V V V V V V V V V	
The second secon			
7. Supervision of Work Name of Person or Firm Doing Filling & Sealing Licens	to the sufficient and the	STATE TO A STATE OF THE LONG TO	
Name of Person or Firm Doing Filling & Sealing Licens	e# Date of Filling	& Sealing (mm/dd/yyyy) Date Re	ceived. Noted By 335
OMNNI Associales  Street or Route			Noted By
One Systems Drive		TOTAL TOTAL ICOMPANIE	is the same and the same of th
ity.	ZIP Code 5	0) 735~6900 [288]	
Appleton WI	ZIP Code Sig	nature of Person Doing Work	Date Signed ,
	·	my Ju	1.9/12/12

From:

Victor, Elizabeth A - DNR

Sent:

Monday, August 27, 2012 12:52 PM

To:

David L. Fries (David.Fries@omnni.com)

Subject:

D&K Foods

### Dave:

I have reviewed the August 8, 2012 results of the soil and groundwater data collected from D&K Asian Food Market during June and July and have no comments. The soil and groundwater analytical results were below the laboratory detection limits. No additional action is required by Mr. Lor. Please proceed with well abandonment and forward the documentation to me.

This work was done in response to a Potential Responsible Party letter; there will be no "rescind" letter sent. If Mr. Lor wants a letter from the DNR there may be a fee charged. Please tell Mr. Lor that if he or any potential buyers have questions they may contact me. I will forward you the No Action Required (NAR) number in a separate email.

Give me a call if you have any questions.

Liz

Blizabeth A. Victor, P.G.

Hydrogeologist

Oshkosh Service Center Remediation and Redevelopment Program Wisconsin Department of Natural Resources

(☎) phone:

(920) 303-5424

(雪) fax:

(920) 424-4404

(国) e-mail:

elizabeth.victor@dnr.state.wi.us



ONE SYSTEMS DRIVE APPLETON, WI 54914 920-735-6900 FAX 920-830-6100

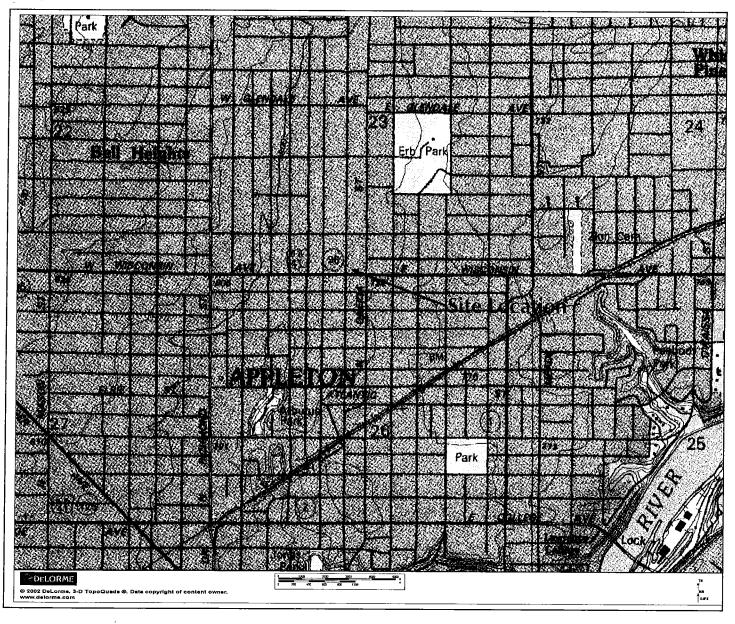
# **LETTER OF TRANSMITTAL**

WE 625	. Elizabeth ' DNR 5 E. CTH Y, nkosh, WI 5	Suite 700		Date: Project No.: Project: Client:	August 8, 2012 N2118A12 D and K Foods	
We are ser ☐Shop di ☐ Other		Attached   Prints [ that you re	Under separate cover via Plans Samples	the following iter	ns:  Copy of letter	Change order
Copies 1	Date	No.		Description	1	
☐For app ☑For you ☑As requ	r use	[ [	Approved as submitted Approved as noted Returned for corrections Other	, Submit	copies for appro copies for distribution corrected prints	
Remarks:	et me know	if you need	Prints returned after loan		can abandon the r	monitoring
	R /	+ R - OS ECEIVE AUG 1 3 20 RACKED EVIEWE	D 12 an 8/13/12	Signed:	David C	

Hydrogeologist 920-735-6900

dave.fries@omnni.com

Copy to: document?



Source: 2005 DeLorme Topo Tools



Figure 1
Site Location Map

D and K Asian Food Market 122 W. Wisconsin Avenue, Appleton, WI



Ν

Project Number: N2118A12

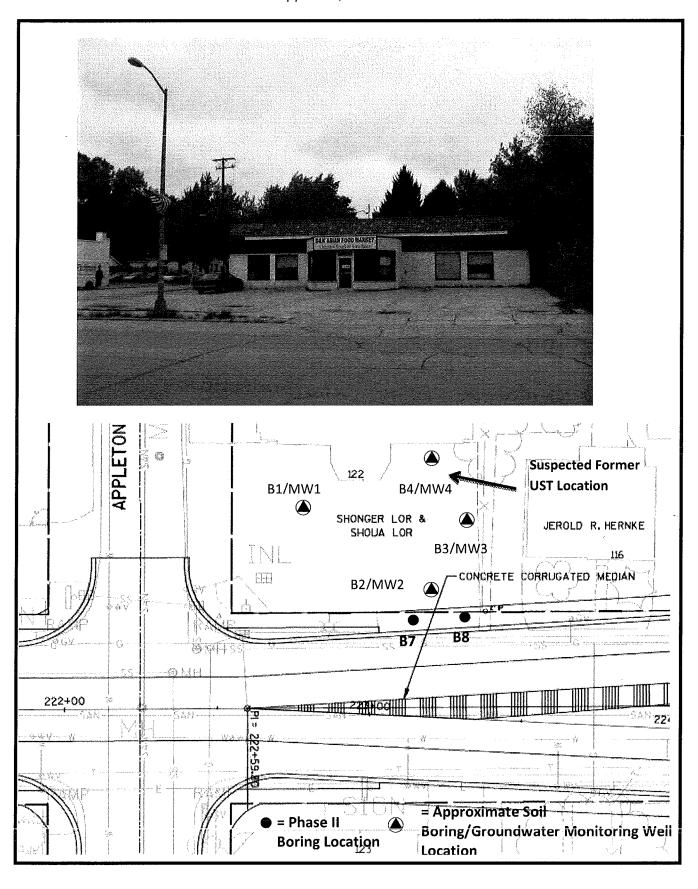
Date: 6/12/12

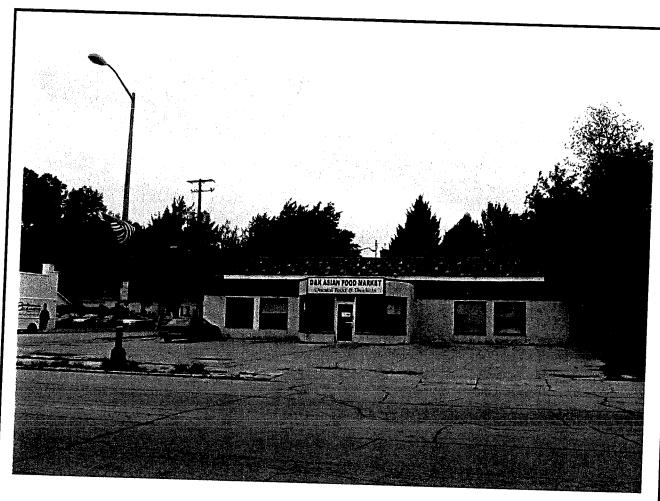
One Systems Drive, Appleton, Wisconsin 54914-1654 Phone: (920) 735-6900 Fax: (920) 830-6100

Figure 2 - Site Detail Map

D & K Asian Food Market, 122 W. Wisconsin Ave.

Appleton, Wisconsin





# Operations of Interest:

gas station: 1933, 1941 - 1951,

1957 - 1967

laundry: 1949

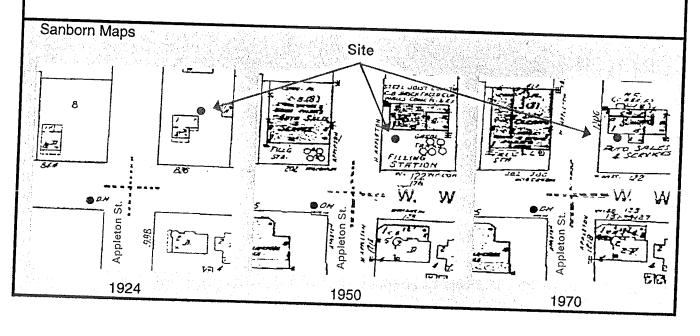
auto sales: 1970 - 1971 printing: 1955 - 1960 parking lot sealing: 1974

towing: 1975

paint store: 1981 - 1984

# Regulatory History:

none



# Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

DAVE FRIES OMNNI ASSOCIATES INC ONE SYSTEMS DRIVE APPLETON WI 54914-1654

Report Date 05-Jul-12

Project Name	D&K ASIAN FOOD MARKET	
i i ojeci ivanie	Dak AsiAN I OOD MAKKEI	

Project # N2118A12

NZIIOAIZ

Lab Code

5023950A

Sample ID

B1-3

Sample Matrix Soil

6/21/2012

Sample Date	6/21/2012										
		Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent		87.3	%			1	5021		6/22/2012	MDK	1
Inorganic											
Metals		•									
Lead, Total		< 3.0	mg/kg	3	9.6	10	6010B		7/5/2012	CWT	1 49
Organic											
GRO/PVOC											
Gasoline Range Or	ganics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/28/2012	CJR	1
Benzene		< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/28/2012	CJR	1
Ethylbenzene		< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/28/2012	CJR	1
Methyl tert-butyl et	her (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/28/2012	CJR	1
Toluene		< 25	ug/kg	3.6	11	1	GRO95/8021		6/28/2012	CJR	1
1,2,4-Trimethylben	zene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/28/2012	CJR	1
1,3,5-Trimethylben	zene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/28/2012	CJR	1
m&p-Xylene		< 50	ug/kg	5.2	17	1	GRO95/8021		6/28/2012	CJR	1
o-Xylene		< 25	ug/kg	6.3	20	1	GRO95/8021		6/28/2012	CJR	1
Lab Code	5023950B										
Sample ID	B2-3										
Sample Matrix	Soil										

Invoice # E23950

Sample Matrix Soil Sample Date 6/21

Metals

6/21/2012

	Result	Unit	LOD LOQ Dil	Method	Ext Date	Run Date Analyst	Code
General							
General							
Solids Percent	87.1	%	1	5021		6/22/2012 MDK	1
Inorganic							

Project Name D&K ASIAN FOOD MARKET Invoice # E23950

Project #

N2118A12

Lab Code	5023950B
Sample ID	B2-3
Sample Matrix	Soil
Sample Date	6/21/2012

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Lead, Total	< 3.0	mg/kg	3	9.6	10	6010B		7/5/2012	CWT	1 49
Organic										
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/28/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/28/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/28/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	ı	GRO95/8021		6/28/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/28/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/28/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/28/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/28/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/28/2012	CJR	1

Lab Code5023950CSample IDB3-3Sample MatrixSoilSample Date6/21/2012

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.2	%			1	5021		6/22/2012	MDK	1
Inorganic										
Metals										
Lead, Total	< 3.0	mg/kg	3	9.6	10	6010B		7/5/2012	CWT	1 49
Organic										
General										
Diesel Range Organics	< 10	mg/kg	0.75	2.4	1	DRO95		6/29/2012	MDK	1
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	i	GRO95/8021		6/28/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	ı	GRO95/8021		6/28/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/28/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/28/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/28/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/28/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	i	GRO95/8021		6/28/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/28/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	i	GRO95/8021	•	6/28/2012	CJR	1

Lab Code 5023950D Sample ID B4-2 Sample Matrix Soil Sample Date 6/21/2012

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.5	%			1	5021		6/22/2012	MDK	1
Inorganic										
Metals										
Lead, Total	< 3.0	mg/kg	3	9.6	10	6010B		7/5/2012	CWT	1 49

Project Name D&K ASIAN FOOD MARKET

Project #

N2118A12

Lab Code

5023950D

Sample ID

B4-2

Sample Matrix Soil

Sample Date

6/21/2012

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
General										
Diesel Range Organics	< 10	mg/kg	0.75	2.4	1	DRO95		6/29/2012	MDK	1
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/28/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/28/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/28/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/28/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/28/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/28/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/28/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/28/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/28/2012	CJR	1

<sup>&</sup>quot;J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Invoice # E23950

Coae	Comment
1	Laboratory QC within limits.
49	Sample diluted to compensate for matrix interference.
	CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature** 

Michael J. Ricker

# CHAIN OF JSTODY RECORD

Project #: N2117

Account No. :

Quote No.:

Lab 1.D. #

# Sy.iergy

Environmental Lab, Inc.

Page\_ Chain # Nº 으 191

1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631

(Rushes accepted only with prior authorization)

Normal Turn Around Sample Handling Request Rush Analysis Date Required

Sampler: (signature)	\ _		920-8	30-2455 •	920-830-2455 • FAX 920-733-0631	33-06	డ్డ							<b>&gt;</b>	Z	Ţ	=	Ē	Normal Furn Around	ğ		
Project (Name / Location): De KASIA Fast Market 122 W Wisconsin Avenue	Market 1	22 W u	Visionsin'	Avenue	App to h w Analysis Requested	2	Ana	itysi	SP	de	ste	•				200	Other	ğ	Ang	Analysis	₩,	
Reports To: DAVE Fries	Invoice T	5: Mr. 5	Invoice To: Mr. Shunger Lor	Los	ł															<b></b>  ·		
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City State Zip Appletan W Sygiy	City State	City State Zip Osh kosh		4045 m	1904			RITE				524.i	Ś									
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Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air	ter "GW", Dri	nking Water	"Dw", Wası	le Water "W	W", Soil "S"	, Air "	"A". Oil, Sludge etc.)	I, SIL	dge	और )								Ī		ŀ	ŀ	
		\	<i>)</i>																			
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Cooler seal intact upon receiptYes No	<u> </u>		K Constitution of the Cons	7		1											!			,, 		
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# Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

**DAVE FRIES** OMNNI ASSOCIATES INC ONE SYSTEMS DRIVE APPLETON WI 54914-1654

Report Date 18-Jul-12

Duningt Name	D&K ASIAN FOOD MA	DVET
Project Name	DACK ANIAN PUUD MA	KKEL

Project #

N2118A12

Invoice # E24014

Lab Code Sample ID 5024014A TRIP

Sample Matrix Water Sample Date

7/10/2012

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		7/11/2012	CJR	1
Ethylbenzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		7/11/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.8	1	GRO95/8021		7/11/2012	CJR	1
Toluene	< 0.48	ug/l	0.48	1.5	ı	GRO95/8021		7/11/2012	CJR	1
1,2,4-Trimethylbenzene	< 0.78	ug/l	0.78	2.5	1	GRO95/8021		7/11/2012	CJR	I
1,3,5-Trimethylbenzene	< 0.79	ug/l	0.79	2.5	1	GRO95/8021		7/11/2012	CJR	1
m&p-Xylene	< 0.71	ug/l	0.71	2.3	1	GRO95/8021		7/11/2012	CJR	1
o-Xylene	< 0.74	ug/l	0.74	2.3	- 1	GRO95/8021		7/11/2012	CJR	1

5024014B Lab Code MW1 Sample ID Sample Matrix Water

Sample Date 7/10/2012

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	< 0.025	ug/i	0.025	0.082	1	M8270D	7/12/2012	7/12/2012	MDK	1
Acenaphthylene	< 0.019	ug/l	0.019	0.06	1	M8270D	7/12/2012	7/12/2012	MDK	I
Anthracene	< 0.018	ug/l	0.018	0.058	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(a)anthracene	< 0.024	ug/l	0.024	0.075	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(a)pyrene	< 0.018	ug/l	0.018	0.058	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(b)fluoranthene	< 0.02	ug/l	0.02	0.066	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(g,h,i)perylene	< 0.019	ug/l	0.019	0.06	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(k)fluoranthene	< 0.022	ug/l	0.022	0.072	1	M8270D	7/12/2012	7/12/2012	MDK	1
Chrysene	< 0.019	ug/l	0.019	0.059	1	M8270D	7/12/2012	7/12/2012	MDK	I
Dibenzo(a,h)anthracene	< 0.019	ug/l	0.019	0.061	1	M8270D	7/12/2012	7/12/2012	MDK	1
Fluoranthene	< 0.022	ug/l	0.022	0.069	1	M8270D	7/12/2012	7/12/2012	MDK	1
Fluorene	< 0.02	ug/l	0.02	0.064	1	M8270D	7/12/2012	7/12/2012	MDK	1

Invoice # E24014

**Project Name** D&K ASIAN FOOD MARKET

Project #

N2118A12

Lab Code Sample ID 5024014B

MW1

Sample Matrix Water Sample Date 7/10/2012

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Indeno(1,2,3-cd)pyrene	< 0.018	ug/l	0.018	0.058	i	M8270D	7/12/2012	7/12/2012	MDK	1
1-Methyl naphthalene	< 0.022	ug/l	0.022	0.072	1	M8270D	7/12/2012	7/12/2012	MDK	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.078	1	M8270D	7/12/2012	7/12/2012	MDK	1
Naphthalene	< 0.021	ug/l	0.021	0.067	i	M8270D	7/12/2012	7/12/2012	MDK	1
Phenanthrene	< 0.019	ug/l	0.019	0.062	1	M8270D	7/12/2012	7/12/2012	MDK	1
Pyrene	< 0.02	ug/l	0.02	0.065	1	M8270D	7/12/2012	7/12/2012	MDK	1
PVOC										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		7/11/2012	CJR	1
Ethylbenzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		7/11/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.8	1	GRO95/8021		7/11/2012	CJR	1
Toluene	< 0.48	ug/l	0.48	1.5	1	GRO95/8021		7/11/2012	CJR	1
1,2,4-Trimethylbenzene	< 0.78	ug/l	0.78	2.5	1	GRO95/8021		7/11/2012	CJR	1
1,3,5-Trimethylbenzene	< 0.79	ug/l	0.79	2.5	1	GRO95/8021		7/11/2012	CJR	1
m&p-Xylene	< 0.71	ug/l	0.71	2.3	1	GRO95/8021		7/11/2012	CJR	1
o-Xylene	< 0.74	ug/l	0.74	2.3	1	GRO95/8021		7/11/2012	CJR	1

Lab Code Sample ID

5024014C MW2

Sample Matrix Water

Sample Date 7/10/2012 Result Unit LOD LOQ Dil Method Ext Date Run Date Analyst Code Organic

`	21 Pariti											
	PAH SIM											
	Acenaphthene	< 0.025	ug/l	0.025	0.082	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Acenaphthylene	< 0.019	ug/l	0.019	0.06	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Anthracene	< 0.018	ug/l	0.018	0.058	ì	M8270D	7/12/2012	7/12/2012	MDK	1	
	Benzo(a)anthracene	< 0.024	ug/l	0.024	0.075	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Benzo(a)pyrene	< 0.018	ug/l	0.018	0.058	i	M8270D	7/12/2012	7/12/2012	MDK	1	
	Benzo(b)fluoranthene	< 0.02	ug/l	0.02	0.066	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Benzo(g,h,i)perylene	< 0.019	ug/l	0.019	0.06	l	M8270D	7/12/2012	7/12/2012	MDK	1	
	Benzo(k)fluoranthene	< 0.022	ug/l	0.022	0.072	ı	M8270D	7/12/2012	7/12/2012	MDK	1	
	Chrysene	< 0.019	ug/l	0.019	0.059	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Dibenzo(a,h)anthracene	< 0.019	ug/l	0.019	0.061	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Fluoranthene	< 0.022	ug/l	0.022	0.069	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Fluorene	< 0.02	ug/l	0.02	0.064	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Indeno(1,2,3-cd)pyrene	< 0.018	ug/l	0.018	0.058	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	1-Methyl naphthalene	< 0.022	ug/l	0.022	0.072	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	2-Methyl naphthalene	< 0.024	ug/l	0.024	0.078	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Naphthalene	< 0.021	ug/l	0.021	0.067	ı	M8270D	7/12/2012	7/12/2012	MDK	1	
	Phenanthrene	< 0.019	ug/l	0.019	0.062	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	Pyrene	< 0.02	ug/l	0.02	0.065	1	M8270D	7/12/2012	7/12/2012	MDK	1	
	PVOC											
	Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		7/11/2012	CJR	1	
	Ethylbenzene	< 0.46	ug/l	0.46	1.5	i	GRO95/8021		7/11/2012	CJR	1	
	Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.8	ı	GRO95/8021		7/11/2012	CJR	1	
	Toluene	< 0.48	ug/l	0.48	1.5	1	GRO95/8021		7/11/2012	CJR	1	
	1,2,4-Trimethylbenzene	< 0.78	ug/l	0.78	2.5	1	GRO95/8021		7/11/2012	CJR	1	
	1,3,5-Trimethylbenzene	< 0.79	ug/l	0.79	2.5	1	GRO95/8021		7/11/2012	CJR	1	
	m&p-Xylene	< 0.71	ug/l	0.71	2.3	1	GRO95/8021		7/11/2012	CJR	1	
	o-Xylene	< 0.74	ug/l	0.74	2.3	1	GRO95/8021		7/11/2012	CJR	1	
	•											

Invoice # E24014

Project Name D&K ASIAN FOOD MARKET

Project #

N2118A12

Lab Code

5024014D

Sample ID

MW3

Sample Matrix Water Sample Date

7/10/2012

Sample Date	7/10/2012										
		Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PAH SIM											
Acenaphthene		< 0.025	ug/l	0.025	0.082	1	M8270D	7/12/2012	7/12/2012	MDK	1
Acenaphthylene		< 0.019	ug/l	0.023	0.062	i	M8270D	7/12/2012	7/12/2012	MDK	1
Anthracene		< 0.019	ug/l	0.019		i	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(a)anthracene		< 0.018	ug/l ug/l	0.018		1	M8270D M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(a)pyrene	-	< 0.024	ug/l	0.024		1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(b)fluoranthe	ma	< 0.018	ug/l	0.018		1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(g,h,i)perylen		< 0.019	ug/i ug/i	0.02		1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(k)fluoranthe		< 0.022	ug/l	0.012		1	M8270D	7/12/2012	7/12/2012	MDK	1
Chrysene		< 0.019	ug/l	0.019		1	M8270D	7/12/2012	7/12/2012	MDK	1
Dibenzo(a,h)anthra	cené	< 0.019	ug/l	0.019		1	M8270D	7/12/2012	7/12/2012	MDK	1
Fluoranthene	cciic	< 0.022	ug/i	0.022	0.069	1	M8270D	7/12/2012	7/12/2012	MDK	1
Fluorene		< 0.02	ug/l	0.02	0.064	1	M8270D	7/12/2012	7/12/2012	MDK	1
Indeno(1,2,3-cd)py	rene	< 0.018	ug/l	0.018		1	M8270D	7/12/2012	7/12/2012	MDK	1
I-Methyl naphthale		< 0.022	ug/l	0.022		1	M8270D	7/12/2012	7/12/2012	MDK	1
2-Methyl naphthale		< 0.024	ug/l	0.024		1	M8270D	7/12/2012	7/12/2012	MDK	1
Naphthalene		< 0.021	ug/l	0.021	0.067	1	M8270D	7/12/2012	7/12/2012	MDK	1
Phenanthrene		< 0.019	ug/l	0.019	0.062	1	M8270D	7/12/2012	7/12/2012	MDK	1
Pyrene		< 0.02	ug/l	0.02	0.065	1	M8270D	7/12/2012	7/12/2012	MDK	1
PVOC		•		***-	*****	•					
Benzene		< 0.46	ug/l	0.46	1.5	1	GRO95/8021		7/12/2012	CJR	I
Ethylbenzene		< 0.46	ug/l	0.46	1.5	1	GRO95/8021		7/12/2012	CJR	1
Methyl tert-butyl et	her (MTBE)	< 0.57	ug/l	0,57	1.8	1	GRO95/8021		7/12/2012	CJR	1
Toluene		< 0.48	ug/l	0.48	1.5	1	GRO95/8021		7/12/2012	CJR	I
1,2,4-Trimethylben	zene	< 0.78	ug/l	0.78	2.5	1	GRO95/8021		7/12/2012	CJR	i
1,3,5-Trimethylben	zene	< 0.79	ug/l	0.79	2.5	1	GRO95/8021		7/12/2012	CJR	1
m&p-Xylene		< 0.71	ug/l	0.71	2.3	1	GRO95/8021		7/12/2012	CJR	1
o-Xylene		< 0.74	ug/l	0.74	2.3	1	GRO95/8021		7/12/2012	CJR	i
Lab Code	5024014E										
Sample ID	MW4										
Sample Matrix	Water										
Sample Date	7/10/2012										
-		Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic					_					_	
Metals											
		-07	0	0.7	2.5		CW044 7401		7/19/2012	CWT	1
Lead, Total		< 0.7	ug/l	0.7	2.5	1	SW846 7421		7/18/2012	CWI	1
Organic											
PAH SIM											
Acenaphthene		< 0.025	ug/l	0.025		1	M8270D	7/12/2012	7/12/2012	MDK	1
Acenaphthylene		< 0.019	ug/l	0.019		1	M8270D	7/12/2012	7/12/2012	MDK	1
Anthracene		< 0.018	ug/l	0.018	0.058	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(a)anthracene	;	< 0.024	ug/l	0.024	0.075	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(a)pyrene		< 0.018	ug/l	0.018	0.058	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(b)fluoranthe		< 0.02	ug/l	0.02	0.066	1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(g,h,i)perylen		< 0.019	ug/l	0.019		1	M8270D	7/12/2012	7/12/2012	MDK	1
Benzo(k)fluoranthe	ne	< 0.022	ug/l	0.022		1	M8270D	7/12/2012	7/12/2012	MDK	1
Chrysene		< 0.019	ug/l	0.019		1	M8270D	7/12/2012	7/12/2012	MDK	1
Dibenzo(a,h)anthrac	cene	< 0.019	ug/l	0.019		1	M8270D	7/12/2012	7/12/2012	MDK	1
Fluoranthene		< 0.022	ug/l	0.022	0.069	1	M8270D	7/12/2012	7/12/2012	MDK	ı

Project Name D&K ASIAN FOOD MARKET

Project #

N2118A12

Lab Code

5024014E

Sample ID

MW4

Sample Matrix Water Sample Date

7/10/2012

	Result	Unit		_	Dil	Method	Ext Date	Run Date	Analyst	Code
Fluorene	< 0.02	ug/l	0.02	0.064	i	M8270D	7/12/2012	7/12/2012	MDK	1
Indeno(1,2,3-cd)pyrene	< 0.018	ug/l	0.018	0.058	i	M8270D	7/12/2012	7/12/2012	MDK	1
1-Methyl naphthalene	< 0.022	ug/l	0.022	0.072	1	M8270D	7/12/2012	7/12/2012	MDK	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.078	1	M8270D	7/12/2012	7/12/2012	MDK	1
Naphthalene	< 0.021	ug/l	0.021	0.067	1	M8270D	7/12/2012	7/12/2012	MDK	1
Phenanthrene	< 0.019	ug/l	0.019	0.062	1	M8270D	7/12/2012	7/12/2012	MDK	1
Pyrene	< 0.02	ug/l	0.02	0.065	1	M8270D	7/12/2012	7/12/2012	MDK	1
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		7/12/2012	CJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		7/12/2012	CJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		7/12/2012	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		7/12/2012	CJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/12/2012	CJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/12/2012	CJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		7/12/2012	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		7/12/2012	CJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		7/12/2012	CJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		7/12/2012	CJR	i
Chloroform	< 0.49	ug/i	0.49	1.5	1	8260B		7/12/2012	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	ı	8260B		7/12/2012	CJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		7/12/2012	CJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/12/2012	CJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		7/12/2012	CJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		7/12/2012	CJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		7/12/2012	CJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		7/12/2012	CJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		7/12/2012	CJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		7/12/2012	CJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		7/12/2012	CJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		7/12/2012	CJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		7/12/2012	CJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		7/12/2012	CJR	1
trans-1,2-Dichloroethene	< 0.79	ug/!	0.79	2.5	Ī	8260B		7/12/2012	CJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		7/12/2012	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		7/12/2012	CJR	1
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	i	8260B		7/12/2012	CJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		7/12/2012	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/12/2012	CJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	ī	8260B		7/12/2012	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		7/12/2012	CJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		7/12/2012	CJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		7/12/2012	CJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	i	8260B		7/12/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		7/12/2012	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		7/12/2012	CJR	1
n-Propylbenzene	< 0.59	ug/i	0.59	1.9	1	8260B		7/12/2012	CJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		7/12/2012	CJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		7/12/2012	CJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		7/12/2012	CJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		7/12/2012	CJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		7/12/2012	CJR	1
1,2,4-11101000012010										

Project Name

**D&K ASIAN FOOD MARKET** 

N2118A12

Project #

Lab Code

5024014E

Sample ID

MW4

Sample Matrix Water Sample Date

7/10/2012

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		7/12/2012	CJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		7/12/2012	CJR	I
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/12/2012	CJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		7/12/2012	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	ı	8260B		7/12/2012	CJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		7/12/2012	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		7/12/2012	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		7/12/2012	CJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		7/12/2012	CJR	1
SUR - Toluene-d8	108	REC %			1	8260B		7/12/2012	CJR	1
SUR - 1,2-Dichloroethane-d4	105	REC %			1	8260B		7/12/2012	CJR	1
SUR - 4-Bromofluorobenzene	110	REC %			1	8260B		7/12/2012	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		7/12/2012	CJR	1

<sup>&</sup>quot;J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Invoice # E24014

Code

Comment

1

Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature** 

Michael J. Ricker

State of Wisconsin	
Department of Natural	Resources

### SOIL BORING LOG INFORMATION Form 4400-122 Rev. 7-98

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L5 3	24	7 12 26 22		6	Tan = clay	sandy w/ n	sil	lty dor					0,3		<u></u>				8:34
4	24	7 14 8 16		8	sami	2.							0.0		2/3				8:39
I herel	by cen	ify the			formation of	n this form	n is true a	and corre	ct to the		of my					10-			

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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	Length Au. & dd	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For	S	0	8	Q	ssive h		rope			ants
Number and Type	Recov		Depth	Each Major Unit	uscs	Saphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Lignid	Plasticity Index	P 200	RQD/ Comments
5	2"	16 14 11	سلس	Tansity day. No oder		<u> </u>		0,0		W				8:45
		8	E <sub>12</sub>								·		,	
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State of Wisconsin	
Department of Natural	Resources

### SOIL BORING LOG INFORMATION Form 4400-122 Rev. 7-98

			Ro	rute To:	Watershed/ Remediatio	Wastewater [] m/Revelopment [	Waste Mar Other	ageme	nt 🔲								70
Faci	lity/Pro	ojeci N	ame					ense/Pe	rmit/M	lonitori	ng Nu	mber	Bori	Pag		of	
Bori	ng Dri	HS By	: Nan	ne of crew	chief (first	Ket, last) and Firm		p Drilli		-		_	1	•	£	32	
Firm	. Mi	dwe Well A	15-1 10. 1	Last Nac	D¢;	Servic Well Name		Static	12	12	<u>= = = = = = = = = = = = = = = = = = = </u>	Drilling 2/d d	12	pleted 0/2 y y		HS	A
Loca	l Grid	`				ming Location			_Feet ]	MSL	<b>!</b> .		_Feet	MSL	Borel	<b>Y</b>	iameter inches
SE	Plane	<u>,5</u> N	/1/4 o	Section '	23 T 2	21 N.R. 17 E agamie		Lat	0			1	eet r	N		Fee	DE OW
	nple				County	Code 5	Civil	Town,	City/c	w Villa	иge				,		
381	44 E	1 2	Foci and surface)		Soil/Ro						Ĺ		Prope	rties			
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Fe		And Geo	logic Origin For Major Unit		USCS	raphic	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			E		Asphel	ŧ		+-	0.7	- 0	<del>-</del>	প্রত	ΣŬ	בנ	E.S	<u> </u>	<u>≈</u> 3
1	12"	435	أسيك	Red no	odor odor	in clay u	//				٥٫٥		М				9:34
2	19"	3,591		San	ne,						0,0		2/3				9:43
L5)3	2-1	6195	6	Tan	silty.	sandy odor					0.3		2/2				9;48
4	24	5993	8	5an	1e				٠.		0.2		2/3				9;53
ereby	certif	,		Compation	on this for	rm is true and co	prrect to th										<del></del>
	<u> </u>		W	$\mathcal{I}\mathcal{X}$			f	01	MMI	NI	As	sac	10-	tes	7		

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information,

Con	nple			<del> </del>		1	F			Salif	·	tion		
Number and Type	Length Att. & G	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	uscs	Graphic Log	Well Diegram	PID/FID	Compressive Strength		Liquid Od	Plasticity and Index	P 200	RQD/ Comments
5	24"	35911	اسسلسساً ع	Tight, brown silty clay w/ no odor	Ω	53	* 0	0.0	<b>ර</b> ශ්	¥3.	1	<u>r</u>	đ	9258
				E.O.B.Q 13.5 MWZ installed			,			: :				
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State of Wisconsin
Department of Natural Resources

### SOIL BORING LOG INFORMATION Form 4400-122 Rev. 7-98

•	Route To:	Watershed/Wastewater Watershed/Wastewater Watershed/Wastewater Watershed Wastewater Wast	other	agemen	nt 🔲	<u>-</u>								
Facility/Project Name	<u> </u>	l Wa-kat	Lice	льс/Ре	mit/N	Ionitori	ng Nu	mber	Boris	Pag ng Nun	e	of		
Boring Drilled By: N	ame of crew	L Market chief (first, last) and Firm	L						ı	•	E	33		
		ne;	06	Drilling 2	ng Star	1012	Date 06	Drillin	g Com	placed 012	Drilli			
WI Unique Well No.	DNR W	neering Service ell ID No. J Well Name	_   70 10	• d (	1 7 7	Level		ce Ele		ÿy		HS		
ocal Grid Origin	(estimated:	) or Boring Location D	<u> </u>		_Feet	MSL	<u>L</u> .		_Feet	MSL	Bore	X	iameter inches	
SE 1/4 of SW 1/4	of Section	VE 23. T21 N. R 17 E	- 1	Lat	<del>-</del> -	<u>'                                    </u>	Local	Grid I		on IN			D E	
acility ID	Co		Lo County (	Code		Town	City/o	F	eet r			_ Fee	ı W	
Sample	8	Ouragamie	4	<u>5</u>	12	PP	et	00						
7. (ii) (ii) (ii) (iii)	1	Soil/Rock Description		l				<del>                                     </del>		Prope	rties	_		
Aumber and Type Length Att. & Recovered (in) Blow Counts Depth in Feet	(Below grou	And Geologic Origin For Each Major Unit	•	USCS	raphic	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liguid Limit Mit in the second	Plasticity Index	P 200	RQD/ Comments	
E		Asphalt		<del> </del>	-		-	Ωv	٥٤	77	€.5	-	20	
15" 3 4	Ked-	brown clay w/					0.1		2/3				10:58	
5 3 3 2 2	san re	ne Very little covery.					٥,٥		M W				11101	
12" 12" 6	Very	wet, silty clac slight odor?	]				٥,५		w L	·			11:07	Tai
for	Very silt odo	wet, brown y-clay w/slight				(	).1		Ų.				ltzy	1 <
LE	pformation	on this form is true and corre	ct to the	best	of my	knowl	edge							
W TOW	1 1	1	Firm			NI			1	100	<del></del>	<u> </u>	<del></del> .	

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		_	·····	<del>, ,</del>				("	<del></del>					
	Length Att. & dd	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For	S	o,	E	Q	cssive th	Soil F				cuts
Number and Type	Recov	Blow (	Depth	Each Major Unit	uscs	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
5	24"	I for 24"		clay, w/ black cinder? + word (fin). Slight odor - Very wet.						3,11				11:18
		· 	7 1111111									· .		· · · · · · · · · · · · · · · · · · ·
			= <u>+</u> 4	EO.B@13.5 Mw3 installed								,		
			implim						·		-	, pro-		
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·														
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			กรเก	
Depa	rtm	ant of	Natural	Resources

### SOIL BORING LOG INFORMATION Form 4400-122

			Ro	ute To:	Watershed/V Remediation	Vastewater ☐ V √Revelopment ☐	Waste Man Other	agemei	nt 🔲							NGV.	-76
Faci	ility/Pn	oject N AS	ame ian	Foo		Cet last) and Firm			rmi <b>y</b> M	onitori	ng Nu	mber	Boris	Pag ng Nur	nber	of _	
				Last	ame:	Service Well Name		Drillin 21	ng Star	1 <b>cd</b> 2/2	Date 06	Drillin	g Con	pleted	Deili		
	_	_	, .				Water Feet 1	Level	<b>—</b> —	ce Ele	vation	O 1 Z y y MSL	_	X	uneter		
SE	ocal Grid Origin (estimated: ) or Boring Location tate Plane N, E    1/4 of SW 1/4 of Section 23, T21 N, R 17 E   activity ID   County   C								0	, 19	Local		Locatio	on I N	<u></u> -		inches E
	nple	Ţ	8		Outa	County (	ode 5	Civi)	PP	City/c	n Villa	ge .			_ Fee	ID W	
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)		And Geole	k Description ogic Origin For Major Unit		USCS	raphic	Well Diagram	PID/FID	Compressive Strength		Prope pinit juri	Plesticity said	P 200	RQD/ Comments
1	12"	844	إساس	Red	- brown odor,	clay w)			נפ		0,3	Sa	M		P. d	à.	11: 59
L5)	24	40118	111111111111111111111111111111111111111	Brosli	un silt gnt odo	y clay w	/				0.4		М				12:02
3	24"	551 0	16	<i>5</i> a	me. N	to odor					0.2		17/3				12;0
4	24"	7853	<del>1</del> 0	Tigi W/	nt brown	n clay					0.0		m/				/2 :1 <u>.</u>
nereby granure	certify	•	411	ormalic	on on this form	n is true and con	rect to the	best c	of my	knowl	edge.						<del></del>
			ary.	. !.	V/		1	Ob	111	1)	<b>A</b> <		107	100	7		

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Faihure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information,

Samp	ole (ii) po	9	,,	•				1	Page of					
Number and Type	Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	uscs	Graphic Log	Well Diagram	वाअ/वाब	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
5	1"	9 15 16 13	111111111111111111111111111111111111	Same. Very little recovery,				O٠a		M/W			•	12:19
				E.o. 13. @13,5' MW4 installed,										
		÷		MW4 installed,										
			انساسيا		•									
								:						
									·					

	Watershed/Wastewater Remediation/Redevelopment	ntl   Cut [	anagement [	MONITORING WE Form 4400-113A	LL CONSTRU Rev. 7-98	JCTIC
- and the state of	Local Grid Location of W	-11	<u> </u>		Kev. 7-yg	_
Pacility License, Permit or Monitoring No.	Local Grid Origin (ex	N.	ſ □ R.	Well Name MW	1	
Facility ID	Lat	"Long	or	Wis. Unique Well No VM324	f	D No.
Type of Well	Section Location of Waste	îl N,	fl. E. S/C/N	Date Well Installed	121,20	3/2
Well Code MW	<u>SE</u> 14 of <u>SW</u> 14 of S	23 m 21	_N,R. /7   W	Well Installed By: No		
Distance from Waste/ Enf. Stds.	Location of Well Relative	to Waste/Source	Cou Lat N.	Midwes	t Engin	nd Fin
Sourceft. Apply	u 🗆 Upgradient s d 🗆 Downgradient n	☐ Sidepradies	11 I	Service	Bary	
A. Protective pipe, top elevation	fLMSL		1. Cap and lock?			_
B. Well casing, top elevation	n. MSL	1016	2. Protective cover p	ipe:	Yes []	No
C. Land surface elevation	A 1400		a. Inside diameter:	•	9.	⊵in_
	ft MSL		b. Length:		- <del>/</del> ,	ŌR.
D. Surface seal, bottom ft. MS	or _ 0.5 n. 4	I VERY	c. Material:		Steel	_
12. USCS classification of soil near screen:				<del></del>	Other 🗆	
GP GM GC GW S7 SM SC ML ML MH CI Bedrock G	v B ch B		d. Additional prote If yes, describe:	etion?	☐ Yes ☐	No
12 Piana - I t	1 18		3. Surface scal:		Bentonite 🛘	30
A Datte	a Be No				Concrete	01
	y □ 50   <b>8</b>		4. Material between u	ell and a decided	Other 🗆	
Hollow Stem Aug	r <b>5</b> 4 1			ell casing and protecti		
Oth			_		Bentonite 🖴	30
5. Drilling fluid used: Water 🗍 0 2	ir 🗆 0 1		5. Annular space seal:	a. Granular/Chippe	Other 🗆	
Deillian Maria	ne <b>a</b> 199			d weight Bentonite	LI engoined in	33
•			cLbs/gal mus	d weight Bente		35
6. Drilling additives used?	Maria No	<b>1 888</b> 4	u	· · · · Bentonite-ca	ement arous 🗆	3 I
Describe		<b>       </b>	8Pi ~ v	olume added for any o	f the above	30
7. Source of water (attach analysis, if require	<del></del>   <b>8</b>	1 1888 1	. How installed:	·	Tremie	0 1
To the color water (attach analysis, if require	d):	<b>         </b>		Trem	ie pumped 🔲	02
		<b>88</b>	. Bentonite seal:	_	Gravity 🖀	08
Bentonite seal, top ft. MSL o	0.5		h □1/4 in □2/0	a. Bentoni	le gramules 🔲	33
nerconne sear, top ft. MSL o	0.5 n.		C	in. 1/2 in. Bent		32
Pine sand, top ft. MSL o	INO  TO 1  T	6.	Fine sand meterial:	Manufacturer, product	Other []	***
Filter pack, top ft. MSL o	3.0		a_1110 - 03	Red Flin	<u>t</u>	 186
	25		b. Volume added	ก3		
Screen joint, top ft. MSL o		より、	Filter pack material:	Manufacturer, produc	t name & mesh	s ize
Vell bottom ft. MSL or	/3.5		b. Volume added_	Red Flin		
IC W2T or	' ft.	9.		ush threaded PVC scho		
filter pack, bottom ft. MSL or			_	ush threaded PVC scho	edule 80 🖂 🔅	23 24
lorehole, bottom ft. MSL or	_/3,5 n.		Screen material: Screen type:	PVC	§	
orehole, diameterin.			- Screen type:	Fa Continu		1 1 0 1
O.D. well casing $\frac{2.07}{10.00}$ in.		b.	. Manufacturer	Diedrich	Other 🛘	
		\ d.	Slotted length:		0.01 10.0	
D. well casing1.93 in.						
by certify that the information on this form	is true and general at	11. E	Backfill material (belo	w filter pack):	None D 1	:4 %):
D. well casing	is true and correct to the b	est of my knowle	edge.		None D 1 Other D	4

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., faiture to file information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be

Pacility   Project Name	State of Wisconsia Department of Netural Resources Route to:	Watershed/Wastewater	Waste Management	MONITORING Form 4400-113	G WELL CONSTRUCTION A Rev. 7-98
Facility ID   Leses, Fermit or Monitoring No.   Local Grid Origin   Centimeted:		Remediation/Redevelopment	Other	- her et 27	
Facility License, Fermit or Monitoring No.   Centification   Centification   Configuration	DED Rein Frank Market	1 2 1	S		
St. Pitter   St.	Facility License, Permit or Monitoring No.	Local Grid Origin   (estimate	ted: 🗆 ) or Well Loca	tion Wis. Unique V	Vell No. DNR Well ID No.
Facility ID   St.   Plane   C.N.   T.E.   St.   N.J.   N.   N.J.   N.   N.J.   N.   N			•	Data Well Inc.	talled/ 21.20/2
Section Location of Waster/Source   Section Location of Waster/Source   Section Location of Waster/Source   Section Waster   Self-State from Waster   Self-State from Waster   Self-State	Facility ID			S/C/N	0012112012
Type of Well Code MW.   Conceive pipe.		Section Location of Waste/Sour	roe /-	Well Installed	
Distance from Water   Earl. States	Type of Well	SE 14 of SW 14 of Sec.	<u> </u>	_ Midu	west Engineering
Distance from Waster  A. Protective pips, top elevation  A. Protective pips, top elevation  A. Protective pips, top elevation  C. Land surface clevation  C. Land surface clevation  A. MSL  B. Well casing, up elevation  C. Land surface clevation  A. MSL  C. Land surface clevation  C. Land surface clevation  A. MSL  D. Surface seal, bottom  A. MSL  D. Surface seal, bottom  A. MSL  D. Surface seal, bottom  B. Well casing  A. MSL  A. Material between well casing and protection?  C. Land surface seal;  B. Well casing and protection?  C. Land surface seal;  C. Material between well casing and protection?  C. Land surface seal;  C. Material:  C. Material:  C. Material:  C. Land surface seal;  C. Material:  C. Material:  C. Material:  C. Land surface seal;  C. Material:  C. Material:  C. Land surface seal;  C. Material:  C. Material:  C. Material:  C. Land surface seal;  C. Material:  C. Materia	Well Code 101001	Location of Well Relative to W	aste/Source Gov. Lot 1	Vimber	<del></del>
A. Protective pipe, top elevation  B. Well casing, top elevation  C. Land surface elevation  C. Land surface elevation  C. Land surface elevation  C. Land surface elevation  R. MSL or 0.5 ft.  12. USCS classification of soil near screen:  OP   GM   OC   OW   ON    Bedrock   Noter   SM   SC   ML   MH   CL   CH    Bedrock   Steel   Steel   Other   Other    Bedrock   Steel   Steel   Other   Other    Bedrock   Steel   Steel   Other   Other   Other    A Material between well casing and protective pipe:  Bentonite   Other   Steel   Other   Other	Distance from Waste/ Enf. Stds.		Not Known		
B. Well casing, top elevation  C. Land surface clovation  C. Land surface clovation  C. Land surface clovation  D. Surface scal, bottom  R. MSL or 0.5 ft.  D. Surface scal, bottom  R. MSL or 0.5 ft.  C. Land surface clovation  R. MSL or 0.5 ft.  D. Surface scal, bottom  R. MSL or 0.5 ft.  Concrete  Other   30  Additional protection?   If yes   Section   30  Concrete   01  Other   31  Stere analysis performed?   Yes   80 no  Hollow Stem Auger   84    Cother   41  Cother   42  I. Drilling method used: Rotsy   50  Hollow Stem Auger   84    Rotsy   50  Hollow Stem Auger   99  16. Drilling fluid used: Water   0.2   Air   0.1  Drilling fluid used: Water   0.2   Air   0.1  Drilling stidiused: W	A Protective nine, ton elevation	ft. MSL			M LCT   140
B. Well bouton   ft. MSL or   0.5 ft.    D. Series seal, bottom   ft. MSL or   0.5 ft.    D. Series seal, bottom   ft. MSL or   0.5 ft.    D. Series seal, bottom   ft. MSL or   0.5 ft.    D. Series seal, bottom   ft. MSL or   0.5 ft.    D. Series seal, bottom   ft. MSL or   0.5 ft.    D. Series seal, seal   ft. MSL or   0.5 ft.    D. Series seal, seal   ft. MSL or   0.5 ft.    D. Series seal, seal   ft. MSL or   0.5 ft.    D. Series seal, seal   ft. MSL or   0.5 ft.    D. Series seal, seal   ft. MSL or   0.5 ft.    D. Series seal   ft. MSL or   0.5 ft.    D. Serie	22 1 toward bib-t t-b	n MSI	I PYN -		9.0 in
C. Land surface elevation  D. Surface seal, bottom	B. Well casing, top elevation	<sup>16</sup> 117			- /. O e
D. Surface teal, bottom	C. I and surface elevation	fL MSL	N		Steel C 0.4
12. USCS classification of soil near screen:   GN	C. Land Sulland Clovation	0.5	c. Mater	rial:	
12. USCS classification of soil near screen:   GN	D. Surface teal, bottom R. M	SL or _ === IL			CALLED .
Schools   Scho	12. USCS classification of soil near screen	su:	116 1		
Some analysis performed?   Yes   No   Note	OP D GMD GCD GWD	SW P SP P   N	If \ If yes	s, describe:	
Describe		CLU CHU	3. Surface	scal:	
Describe					
Describe			<b>X</b>		
Describe	14. Drilling method used:	otary 🗆 50	4. Materia	l between well casing at	
Describe	Hollow Stem A				
Describe		Other 🗆 🎆	<b></b>		
Describe		_	5. Amula	r space seal: a. Gran	ular/Chipped Bentonite Li 33
Describe	15. Drilling fluid used: Water [] 0 2	) COM	b	_Lbs/gal mud weight	Bentonite-sand slurry LI 33
Describe	Drilling Mud □ 0 3	None 299	🧱 с	Lbs/gal mud weight	Bentonite slurry D 51
Describe		V V-	d	% Bentonite I	lentonite-cement grout - 50
Describe	16. Drilling additives used?	1 162 101 140	1000 c. ———	<del></del>	
17. Source of water (attach analysis, if required):    Continuous seal, top		🕍	f, How	installed:	<del>-</del>
E. Bentonite seal, top		and and the	<b>1888</b>		• • • • • • • • • • • • • • • • • • • •
E. Bentonite seal, top  ft. MSL or  ft. MS	17. Source of water (attach analysis, if re	quired):		. •	•
E. Bentonite seal, top					
F. Fine sand, top  ft. MSL or  7. Fine sand material: Manufacturer, product name & mesh size  ### ### ### ### ### ### ### ### ### #		0.50	ъ. ц.	1/4 m. 03/6 m. 01/2	
F. Fine sand, top  ft. MSL or	E. Bentonite seal, top ft. N	ISL or IL	C.——		
G. Filter pack, top  ft. MSL or 3.0 ft.  h. Screen joint, top  ft. MSL or 3.5 ft.  I. Well boutom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack added  g. Well casing:  Flush threaded PVC schedule 80   24  Other   3.5 ft.  J. Screen material:  a. Screen type:  Factory cut   11  Continuous slot   01  Continuous slot   01  D. Manufacturer  c. Slot size:  d. Slotted length:  J. O ft.  None   14  Other   3.5 ft.  I. Backfill material (below filter pack):  None   14  Other   3.5 ft.  None   14  Other   3.5 ft.  I. Backfill material (below filter pack):  None   14  Other   3.5 ft.  I. Backfill material (below filter pack):  J. Screen type:  J. Screen		2,5° \	7. Fine sp	nd meterial: Manufact	urer, product name & mesh size
H. Screen joint, top  ft. MSL or  ft. MSL	F. Fine sand, top ft. N	ISL or = _ IL	MA / / H	45. 55 Re	d Flint
H. Screen joint, top  ft. MSL or  ft. MSL		3.0		a addad	n3
H. Screen joint, top  ft. MSL or  ft. MSL	G. Filter pack, top IL. N	III	D. Voi	well material. Manufac	
I. Well bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  J. Filter pack, bottom  ft. MSL or 13.5 ft.  K. Borehole, bottom  ft. MSL or 13.5 ft.  L. Borehole, diameter  M. O.D. well casing  J. O in.  D. Manufacturer  c. Slot size:  d. Slotted length:  None  11. Backfill material (below filter pack):  None  14. Other  15. Volume added  9. Well casing:  Flush threaded PVC schedule 40  2.3  Flush threaded PVC schedule 40  2.3  Flush threaded PVC schedule 40  2.3  Flush threaded PVC schedule 40  2.4  Thereby cartiful threaded PVC schedule 40  2.5  Flush threaded PVC schedule 40  2.6  Cother   3.5  Flush threaded PVC schedule 40  2.7  Flush threaded PVC schedule 40  2.8  Flush threaded PVC schedule 40  2.9  Flush threaded PVC schedule 40  2.9  Flush threaded PVC schedule 40  2.1  Continuous slot  0.1  Other  1.1  None  1.1  D. Other  1.1  D. Other  1.2  Other  1.2  Other  1.3  Other  1.4  Other  1.4  Other  1.5  Other  1.5  Other  1.6  Other  1.7  Othe		···· 3.5。————————————————————————————————————		20 Re	J Flint
I. Well bottom  ft. MSL or  ft	H. Screen Johnt, top	TEN TEN			
J. Filter pack, bottom	6.1	13.5 <sub>a</sub>			ded PVC schedule 40 🐯 23
J. Filter pack, bottom	I. Well bottom	ASL OI II			
K. Borehole, bottom  ft. MSL or 13.5 ft.  L. Borehole, diameter  M. O.D. well casing  1.93 in.  Screen type:  Factory cut 11  Continuous slot 0 01  b. Manufacturer 0.01 in.  c. Slot size: d. Slotted length:  11. Backfill material (below filter pack):  None 14  Other 0  In.  None 14  Other 0  In.	61	$_{\text{rel}} = (3.5_{\text{fl}} - 1.5_{\text{fl}})$	>		
K. Borehole, bottom  ft. MSL or 13.5 ft.  L. Borehole, diameter  M. O.D. well casing  1.93 in.  Screen type:  Factory cut 11  Continuous slot 0 01  b. Manufacturer 0.01 in.  c. Slot size: d. Slotted length:  11. Backfill material (below filter pack):  None 14  Other 0  In.  None 14  Other 0	J. Filter pack, bottom IL I	ASE OL	10 Screet	material:	
L. Borehole, diameter  M. O.D. well casing		$491 \text{ or } /3.5_{\text{ft}}$	~~~		
M. O.D. well casing 2.07 in.  b. Manufacturer 1.00 in. c. Slot size: d. Slotted length: 1.00 ft.  N. I.D. well casing 1.00 in.  11. Backfill material (below filter pack):  None 1.4  Other 1.4  Other 1.50	K. Borehole, bottom R. P.	ASE OF			Continuous slot   0 1
M. O.D. well casing 2.07 in.  b. Manufacturer 1.03 in.  c. Slot size: d. Slotted length:  11. Backfill material (below filter pack):  None 1.4  Other 1.4  Other 1.4	7.0				
M. O.D. well casing 2.07 in.  c. Slot size: d. Slotted length:  10.0 ft.  N. I.D. well casing 1.93 in.  11. Backfill material (below filter pack):  None 1.4  Other 1.4  Other 1.5  Other 1	L. Borehole, diameter in	1.	\ <u>M</u>	nufacturer Die o	drich
M. O.D. well casing in.  d. Slotted length: ft.  N. I.D. well casing in.  11. Backfill material (below filter pack): None	7.07.		\		0. <u>0  </u> in.
N. I.D. well casing	M. O.D. well casing _ = = i	ł.	\		Tō' o u'
Thereby certify that the information on this form is true and correct to the best of my knowledge.	1.92		1	_	pack): None 14
Thereby certify that the information on this form is true and correct to the best of my knowledge.	N. I.D. well casing ''_' 2 in	<b>i.</b>	II. Dacki		Other 🗆 🎎
Signature OMNNI Associates, Inc.		U. fame is tope and correct to th	e hest of my knowledge.		
Signature OMNN/ Associates, Inc.		Als form is true and correct to the	o boat of my know loagor	1 .7	
	Signature Dave	/   Fum Or	1NN/ A550	ciales, In	C,

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Conspletion of these reports is required by chr. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsia Department of Natural Resources Route to: V	Watershed/Wastewater	Waste Manage	ement []	MONITORING WELL Form 4400-113A	CONSTRUCT	ПОИ
<u></u>	Remediation/Redevelopment	Other 🔲		ALF-11 Al-		<del></del>
Pacility/Project Name DEKASIAN FOODMarket	Local Grid Location of Well	N. S	^ = w.	Well Name MW 3		
Facility License, Permit or Monitoring No.	Local Grid Origin (estimat	icd: 🔲 ) or W	Vell Location 🔲	Wis. Unique Well No. V M 326	DNR Wali ID I	No.
		.ong	or	Date Well Installed (		<del></del>
Facility ID	St. Planeft. N.		_ ft. E. S/C/N		21/20	
	Section Location of Waste/Sour	7.2	/- DE	Well Installed By: Nau		
Type of Well	SE 14 of SW 14 of Sec.	<u> </u>	i, r. <u>17</u> 🖥 🕏	Midwest		
Well Code MW/	Location of Well Relative to W	aste/Source ( Sidegradient	Gov. Lot Number	<u> </u>	700	· /
Distance from Waste/ Enf. Stds. Sourceft. Apply	1 =	Not Known		Service	/ <sup>9</sup> Ga	<u>- 1</u>
A. Protective pipe, top elevation	ft. MSL	1.0 سے	Cap and lock?		Ø Yes □	No
	n. MSL	1 114/3 -	Protective cover		9.1	on.
B. Well casing, top elevation	10 MSL		a. Inside diamete	r:	-7.8	<del>-</del>
C. Land surface elevation =	n MSL	1 N	b. Length:		Steel 🖼	⊆ n. 04
<del></del>	SLor 0.5 n.		c. Material:		Other 🗆	3886
D. Surface seal, bottom ft. M		1.000	4 4 4 4 4 4		☐ Yes ☐	No.
12. USCS classification of soil near scree		116	d. Additional pro		C 100 C	170
GP GM GC GW D	sw B SP Bl _ 웨	18//	If yes, describ	e:	Bentonite 🗆	30
SM SC MLO MHO	aru aru 💆	3.	Surface scal:		Concrete -	01
Bedrock 🗆					_	
1 20. 0.0	Yes M No	<b>*</b>			Other 🗆	
	otary 🗆 50	4.	Material between	well casing and protect	Bentonite	30
Hollow Stem A					Other 🗆	
	Other 🗆 🎆			a. Granular/Chip		33
	🗖 🐧	3. 4. 5. b. c. d.	Annular space se	a. Crantmat/Cmpj		
15. Drilling fluid used: Water 0 2	Air 01	ъ	Lbs/gal	mud weight Bentoni		31
Drilling Mud 🗆 0 3	None 99	6.	Lbs/gal	mud weight Bon	connect mout	50
14 Dellie and disinon mod?	Yes 🖪 No	889 d	% Bento	nite Bentonite-	of the shows	30
16. Drilling additives used?		1888 °			Tremie	01
Describe		f.	How installed		mie pumped 🛘	
17. Source of water (attach analysis, if re-	quired):	<b>188</b>			Gravity 🖀	
17. Source of Water (Russia Bially-15, 17.			Bentonite seal:	a. Bento	mite granules 🗍	
	💹			]3/8 in. □1/2 in. B		•
	IS1.or 0.5 ft. 👺		0, 02,41		Other 🗆	
E. Bentonite seal, top ft. M	···· · · · · · · · · · · · · · · · · ·		U			******
F. Fine sand. top ft. M	$15L_{or} = \frac{2.5}{1}R$	<b>23</b> / 7.		ial: Manufacturer, prod		
F. Fine sand, top ft. M	<del></del>		H45-			
ar muse the fit M	ISL or3,0 ft.		b. Volume adde	ed	n³	
G. Filter pack, top It. M		8		rial: Manufacturer, pro	duct name & me	ah size
VI G inime som ft. M	ISLOT 3,5 ft.		# 30	Red F	lint	
H. Screen John, July	<u>F</u>		b. Volume add	ed	ft <sup>3</sup>	****
I. Well bottom ft. M	ISL or _ 13,5ft.	9	. Well casing:	Flush threaded PVC		23
			_	Flush threaded PVC	schedule 80	1 24
J. Filter pack, bottom ft. M	4SLor /3,5 ft.	學一			Other	] 🎆
J. Pitter pack, commit	12 -	10	). Screen material	PVC		
K. Borchole, bottom ft. M	1SL or _ 13,5 ft.		a. Screen type	•	Factory out	11
			•••	Co	mtinuous slot 🛚	01
L. Borehole, diameter in					Other E	J 💥
To Doleinie, changer == - in	•	\	b. Manufacture	Diedrich		ΛI.
M. O.D. well casing $-\frac{2.07}{100}$ in		\	c. Slot size:	_		0   in.
		/	d. Slotted leng			o. o n.
N. I.D. well casing	1.	1:	1. Backfill materi	al (below filter pack):	None	
					Other [	
I hereby certify that the information on the	his form is true and correct to the	best of my kno	wledge.			
Signature	Firm O.4	11/1/1 /	100 30 1	ec Tur	-	•
Mary 1	/ 1 0	///// / /\	フタロヒノリグ	es, Inc.		

Please complete both Forms 4400-113B and 4400-113B and return them to the appropriate DNR office and bureau. Correlation of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable instructions for more information, including where the completed forms should be instructed.

State of Wisconsia Department of Natural Resources Route to:	Watershed/Wastewater	107	- MONITORING	WELL CONST	
Facility/Project Name	Remediation/Redevelopment  Local Grid Location of Wel	Waste Management [	Form 4400-113A	WELL CONSTRU Rev. 7-98	JCTIO:
Di K Asian Food Market	i .	LIN.	DE Well Name	14/1/	
Facility License, Permit or Monitoring No.	Local Grid Origin (esti	mated:   \ or Well Los	ation Wis. Unique We	II No. DNR Wall II	) No
Facility ID	Lat ft. Planc ft.	"Long ft. E.	or <u></u>		
Type of Well	Section Location of Waste/S	ounce.	- 0/0/14	06,21,20	3/Z
Well Code MW	<u>SE</u> 14 of <u>SW</u> 14 of Se	23,T.2/ N,R./	Well Installed B	m m d d v v	<u> </u>
	Location of Well Relative to	10.1	Midul	est Engin	ma rim
Distance from Waste/ Enf. Stds. Sourceft. Apply	u Upgradient s	☐ Sidegradient	Number Service	<i>,</i> , –	_
A. Protective pipe, top elevation	ft. MSL	1. Cap and			
B. Well casing, top elevation	n. MSL	2. Protectiv	re cover pipe:	Yes 🗆	
C. Land surface elevation	6.3407	1 11	diameter:	_9.	`⊙ <sub>in.</sub>
	fL MSL	b. Longti		$\bar{I}_{I}$	OR.
D. Surface seal, bottom ft. MS	Lor _ 0.5 ft. 数数数	c. Mater	ial:	Steel	
12. USCS classification of soil near screen				Other 🗆	
		d. Additi	ional protection?	☐ Yos ☐	
	K B CH B	If yes,	, describe:	<del></del>	
13. Sieve analysis performed?		3. Surface s	cal:	Bentonite [	
14 D. 200	es 🗃 No	<b>         </b>		Concrete -	
	ry 🗆 50   👸	4 Material	between well casing and pro	Other □	
Hollow Stem Aug	per 251 4 1 (2)	- Ividad	between well casing and pro		
Oth	ner □ 🎎   🔡	<b>188</b>		Bentonite 🚾	30
				Other 🛘	
15. Drilling fluid used: Water 0 2	Air □ 01 🖁	5. Amular s	pace seal: a. Granular/C	hipped Bentonite 🗆	33
Drilling Mud □ 0 3 No	me 20199   889	եւ	bs/gal mud weight Beni	tonite-sand slurry	35
1		cL	bs/gal mud weight	Rentonite elum.	31
16. Drilling additives used?	× III No   SS	d%	Bentonite Bentor	ite-cement arous	
		888 e	Ft <sup>3</sup> volume added for	any of the above	50
Describe	1 255	f. How in	astalled:	Tremie	
17. Source of water (attach analysis, if require	ad):	1. 1.04 1			01
	~··   <b>23</b>			Tremie pumped	02
		6. Bentonite	conf The	Gravity 🖀	08
T. D.		5. Dontonie		mitorite granules []	33
E. Bentonite seal, top ft. MSL	or0.5 ft.	D. □1/4	in. □3/8 in. □1/2 in.	Bentonite chips 🔲	32
F. Fine sand, top ft. MSL	or A	b	materials Manufacture		***
	···/ <b>W</b>	N/ Huc	meterial: Manufacturer, pr 5-55 ROJE	Douct name & mesh	size
G. Filter pack, top ft. MSL	эт ft.	a. Volume		$\frac{I/\Omega f}{\Omega^3}$	
U Caran take	25	8. Filter pack	materials Manufacture	_ 11.5	
H. Screen joint, top ft. MSL of	ж 2 A.	13	material: Manufacturer, p		
I. Well bottom ft. MSL o	/35	b. Volume		Tint 63	
Tr W2L	#' n.	9. Well casin	g: Flush threaded PV	_ 11." Caabadula 40. ==	
J. Filter pack, bottom ft. MSL o	r_135 €		Flush threaded PV	C schedule 80 🔲	23 24
K. Borehole, bottom ft. MSL o	135 <sub>n</sub>	10. Screen man			
		a. Screen	турс:	77	11
L. Borehole, diameter _\(\vec{\slant}_{\cdot\) _ in.			C	ontinuous slot 🔲	01
M. O.D. well casing $\frac{2.07}{\text{in.}}$		b. Manufac		<u>~</u>	
		c. Slot size		0.01	
N. I.D. well casing		•	U =	10.0	
		11. Dackiti Ma	terial (below filter pack):	None D 1	1.4
hereby certify that the information on this form	n is true and correct to the h	et of my knowledge		Other 🛘 🖁	
awe sty	I"" OMA	NI Associa	les 7		
7/ \		- 1 1770014	$n_{J_1}$ and		

Please complete both Rorms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be

ENGINEERING ARCHITECTURE ENVIRONMENTAL ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 920-735-6900 1-800-571-6677 FAX 920-830-6100



JOB NUMBER	SHEET NO.
CLIENT	
PROJECT	
MADE BY	DATE
CHECKED BY	DATE

To DTK Food to sample 4 MW 5.  Weather Sun 80.85°  I - Samples collected w bailers  MW 5.02  MW2 4.37  MW3 4.95  MWY 5.78	7/10/11				
Weather 5un 80-85  V - Samples collected w bailers.  MW/ 5.02  MW2 4.37  MW3 4.95  MW4 5.78			A) Canada	LA M1415	
V - Samples collected w bailers.  MW1 5.02  MW2 4.37  MW3 4.95  MW4 5.78	Weathe	ni Sun i	80-85°		
MW1 5.02 MW2 4.37 MW3 4.95 MW4 5.78				The	
MW9 5,78	Mul	5.02			
MW9 5,78	MWZ MW3	4.37			
	MW4	5,78			

From:

David L. Fries < David.Fries@omnni.com>

Sent:

Monday, August 06, 2012 12:20 PM

To:

Victor, Elizabeth A - DNR

Subject:

RE: D and K Foods

OK, I'll get the information to you as soon as I can.

Thanks,

Dave

From: Victor, Elizabeth A - DNR [mailto:Elizabeth.Victor@wisconsin.gov]

**Sent:** Monday, August 06, 2012 12:15 PM

To: David L. Fries

Subject: RE: D and K Foods

Hi Dave:

That's great news!

I don't need any special report or closure forms. Send me the analytical data, well location map, soil boring logs, drilling and sampling methodology, depth to groundwater data, and any information on where the old tanks might have been. I'll let you know after I review the data whether or not another round of sampling is required. If all looks good, D&K Foods will be assigned a "No Action Required" BRRTs number. The existing BRRTs number (03-45-557561) will likely remain open as a Phantom case (involving the detection of toluene in the groundwater within the right of way) but I will see if D&K's name can be taken off the activity name.

Liz

From: David L. Fries [mailto:David.Fries@omnni.com]

Sent: Monday, August 06, 2012 11:56 AM

**To:** Victor, Elizabeth A - DNR **Subject:** D and K Foods

The lab data shows no detections over method detection limits for any of the soil or groundwater samples. What do you need from OMNNI for documentation? Do you want a full investigation report, just the data and forms or something in between? Do we need to request closure or can they get a no further action? Would you want a second groundwater sampling event to confirm the first? Please let me know what your thoughts are.

Sincerely,

Dave Fries Hydrogeologist, PG 920-830-6145 OMNNI Associates, Inc. www.OMNNI.com

From:

David L. Fries < David.Fries@omnni.com>

Sent:

Friday, June 22, 2012 7:59 AM

To:

Victor, Elizabeth A - DNR

Subject:

RE: D&K Food Mart

Per our conversation yesterday, I added DRO's to the last two borings, but did not have the proper lab containers to do the PAHs. We will add PAHs to the groundwater. Do you want DRO in water???

Thanks,

Dave

From: Victor, Elizabeth A - DNR [mailto:Elizabeth.Victor@wisconsin.gov]

Sent: Thursday, June 21, 2012 9:58 AM

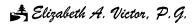
To: David L. Fries

Subject: D&K Food Mart

Hi Dave:

I have reviewed your work plan for D&K Asian Food Market. Unless you can provide documentation that the tanks at this site only contained gasoline, you will have to add DRO and PAHs to the analytical suite. Otherwise, the workplan looks fine – please proceed with the investigation. Give me a call if you want to discuss.

Liz



Hydrogeologist
Oshkosh Service Center
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources

(雪) phone:

(920) 303-5424 (920) 424-4404

(☎) fax: (᠍) e-mail:

elizabeth.victor@dnr.state.wi.us

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OMNNI ASSOCIATES, INC.
ONE SYSTEMS DRIVE
APPLETON, WI 54914-1654
1-800-571-6677
920-735-6900
FAX 920-830-6100

June 13, 2012

Ms. Elizabeth Victor Wisconsin Department of Natural Resources 625 E. CTH Y Suite 700 Oshkosh, WI 54901

RE: Site work plan for an investigation at D and K Asian Food Market, 122 W. Wisconsin Ave., Appleton, WI; BRRTS #03-45-557561, COMM #54911 4342 22; OMNNI project number N2118A12.

Dear Ms. Victor:

OMNNI Associates, Inc. (OMNNI) has been contracted to perform a site investigation of subsurface conditions at the above property. The site is located at 122 W. Wisconsin Ave., Appleton, Outagamie County, WI in the SE ¼ of the SW ¼ of Section 23, T21N, R17E. (See Figure 1 - Site Location Map, enclosed.)

A Phase I Hazardous Materials Assessment Report identified the site as a former gasoline service station. Sanborn maps identified five underground storage tanks located at the southeast corner of the building. The five tanks contained leaded gasoline. Contamination was discovered as a result of the Phase II site investigation performed in the road right of way. (See Figure 2 - Site Detail Map, enclosed.) The release was reported to the WDNR.

Initially, OMNNI proposes to install four soil borings with continuous sampling by field screening with a photoionization detector (PID). The soil borings will be installed in and around the former underground storage tank area. A single soil sample will be selected from each soil boring and delivered to a certified laboratory for analysis. The soil samples will be tested for gasoline range organics (GRO), petroleum volatile organic compounds (PVOCs), and lead.

Groundwater monitoring wells will be installed in all four of the borings. After recovery and development, the wells will be sampled for PVOCs and naphthalene, except for the monitoring well in the source area, which will be tested for VOCs and lead.

If you have any questions concerning this phase of work for the above site, please feel free to contact OMNNI. OMNNI has scheduled this work for June 21, 2012. If we do not hear from you prior to our scheduled drill date, we will assume that the work plan meets department approval.

Sincerely,

Dave Fries, P.G., CHMM

Hydrogeologist

R + R - OSH RECEIVED

JUN 1 4 2012

TRACKED \$\infty 35

REVIEWED \$\infty\$

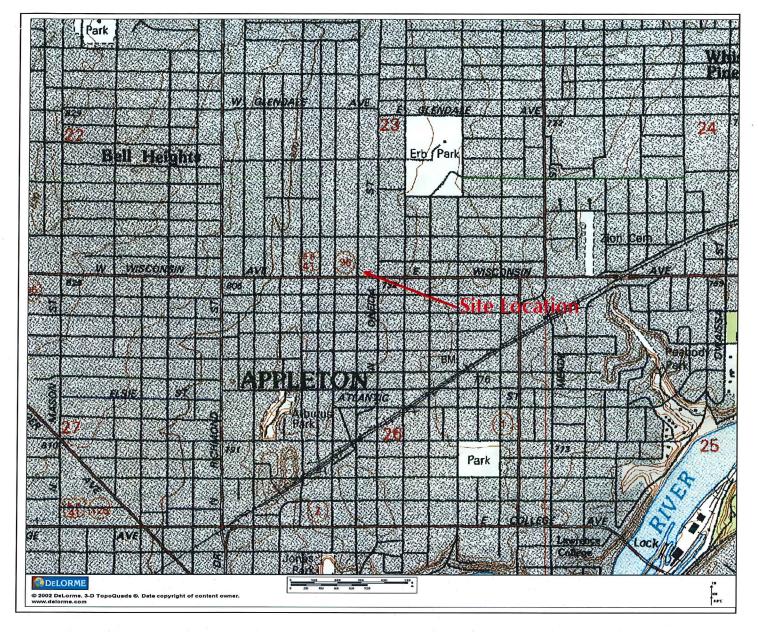
CAN 6/21/12

"I, Dave Fries, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

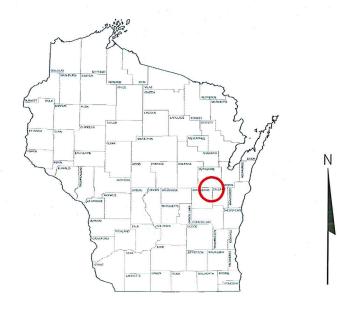
(Professional Geologist)

Enclosures

cc: Mr. Shonger Lor 1215 Tammy Road Oshkosh, WI 54904



Source: 2005 DeLorme Topo Tools



## Figure 1 Site Location Map

D and K Asian Food Market 122 W. Wisconsin Avenue, Appleton, WI



Project Number: N2118A12

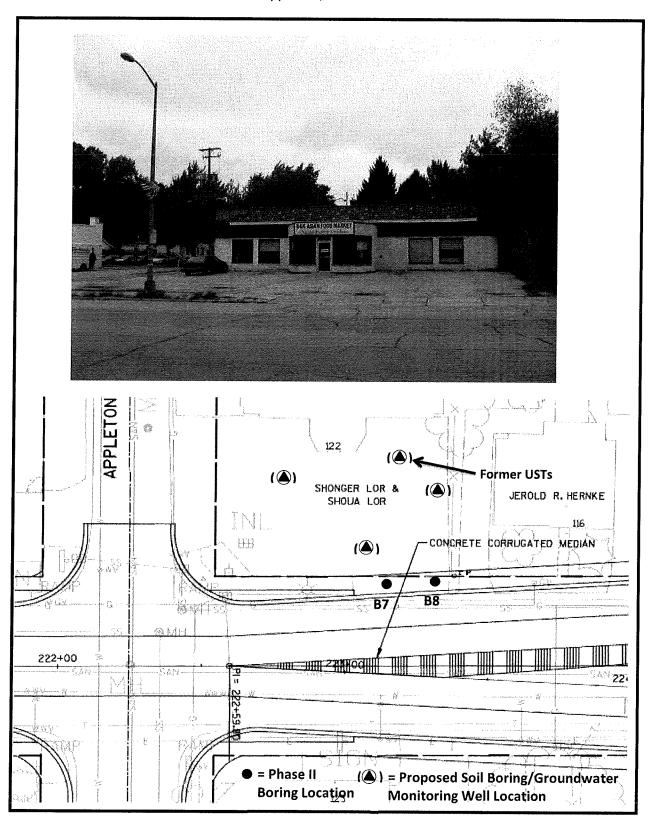
Date: 6/12/12

One Systems Drive, Appleton, Wisconsin 54914-1654 Phone: (920) 735-6900 Fax: (920) 830-6100

Figure 2 - Site Detail Map

D & K Asian Food Market, 122 W. Wisconsin Ave.

Appleton, Wisconsin



From:

Victor, Elizabeth A - DNR

Sent:

Thursday, June 21, 2012 9:58 AM

To:

David L. Fries (David.Fries@omnni.com)

Subject:

D&K Food Mart

Hi Dave:

I have reviewed your work plan for D&K Asian Food Market. Unless you can provide documentation that the tanks at this site only contained gasoline, you will have to add DRO and PAHs to the analytical suite. Otherwise, the workplan looks fine – please proceed with the investigation. Give me a call if you want to discuss.

Liz

Elizabeth A. Victor, P.G.

Hydrogeologist

Oshkosh Service Center

Remediation and Redevelopment Program Wisconsin Department of Natural Resources (2) phone: (920) 303-5424

(室) fax: (920) 424-4404

(**□**) e-mail:

elizabeth.victor@dnr.state.wi.us

6/21/12 10:15an: left message w/ Dave (he is at in the field doing SBS at Dick) the does not have just for PAUS is has due 2 burings already. He can add DRO on to the last two samples but can't do PAUS. He will add PAUS to GOV.

From: David L. Fries [David Fries@omnni.com]

Sent: Wednesday, May 02, 2012 8:15 AM

To: Herranz, Tanya D - DSPS Cc: Victor, Elizabeth A - DNR

Subject: RE: D and K Foods

Thanks, We will work on getting a contract in place with them so we can get started on the investigation.

Dave

From: Herranz, Tanya D - DSPS [mailto:Tanya.Herranz@Wisconsin.gov]

**Sent:** Wednesday, May 02, 2012 8:00 AM

To: David L. Fries

Cc: Dickey, Renee - DSPS Subject: RE: D and K Foods

Dave.

I have attached the approval letter and app that I am also sending out to RP.....I am working at getting lien placed with county and will send a copy to you as well when I get it back. Thank you.

Tanya

From: Dickey, Renee - DSPS

Sent: Wednesday, April 25, 2012 8:46 AM

To: David L. Fries

Cc: Herranz, Tanya D - DSPS Subject: RE: D and K Foods

Hi Dave.

We got the go ahead yesterday so you should be hearing something from Tanya soon about this one. Thanks.

Renee'

From: David L. Fries [mailto:David.Fries@omnni.com]

Sent: Wednesday, April 25, 2012 8:44 AM

To: Dickey, Renee - DSPS **Subject:** D and K Foods

Renee, Any update on the deductible waiver request for this site??? Received eligibility letter in October 2011, and would like to proceed.

Sincerely,

Dave Fries Hydrogeologist, PG 920-830-6145 OMNNI Associates, Inc. www.OMNNI.com

From: Legler, Dennis - DSPS

Sent: Friday, March 09, 2012 8:18 AM

To: David L. Fries

Cc: Victor, Elizabeth A - DNR; Dickey, Renee - DSPS; Herranz, Tanya D - DSPS

Subject: RE: D and K Foods

Sorry Dave, the approval of the deductible waiver and agent status is on hold until further notice.

Thank you,

Dennis A Legler Section Chief, PECFA Claim Review 608.267.7642 dennis.legler@wisconsin.gov

From: David L. Fries [mailto:David.Fries@omnni.com]

Sent: Friday, March 09, 2012 7:59 AM

To: Dickey, Renee - DSPS

Cc: Legler, Dennis - DSPS; Victor, Elizabeth A - DNR

**Subject:** D and K Foods

#### Renee.

This site was granted eligibility before the current fund review (in a letter from DSPS dated 10/27/11). The reference number is 54911-4342-22. We then assisted them with a deductible waiver request. Are we to assume that the waiver will be granted since it is being held up? If denied, I would think we should be able to proceed since they have received eligibility. I would like to relay any new information to the Lor's if possible.

Sincerely,

Dave Fries Hydrogeologist, PG 920-830-6145 OMNNI Associates, Inc. www.OMNNI.com

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From: Legler, Dennis - DSPS

**Sent:** Friday, March 09, 2012 8:39 AM

To: David L. Fries

Cc: Victor, Elizabeth A - DNR; Verstegen, Thomas - DSPS

Subject: RE: D and K Foods

I am not sure why DSPS would be requesting an estimate for additional work, we can't approve the money.

Thank you,

Dennis A Legler Section Chief, PECFA Claim Review 608.267.7642 dennis.legler@wisconsin.gov

From: David L. Fries [mailto:David.Fries@omnni.com]

Sent: Friday, March 09, 2012 8:23 AM

To: Legler, Dennis - DSPS

Cc: Victor, Elizabeth A - DNR; Verstegen, Thomas - DSPS

Subject: RE: D and K Foods

What about an existing project that we are the agent for, won through public bidding, where the WDNR and DSPS is requesting an estimate for additional work?

Thanks,

## Dave

From: Legler, Dennis - DSPS [mailto:Dennis.Legler@Wisconsin.gov]

**Sent:** Friday, March 09, 2012 8:18 AM

To: David L. Fries

Cc: Victor, Elizabeth A - DNR; Dickey, Renee - DSPS; Herranz, Tanya D - DSPS

Subject: RE: D and K Foods

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Thank you,

Dennis A Legler Section Chief, PECFA Claim Review 608.267.7642 dennis.legler@wisconsin.gov

From: David L. Fries [mailto:David.Fries@omnni.com]

**Sent:** Friday, March 09, 2012 7:59 AM

To: Dickey, Renee - DSPS

Cc: Legler, Dennis - DSPS; Victor, Elizabeth A - DNR

Subject: D and K Foods

Renee,

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Sincerely,

Dave Fries Hydrogeologist, PG 920-830-6145 OMNNI Associates, Inc. www.OMNNI.com

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From: David L. Fries [David.Fries@omnni.com]

Sent: Wednesday, January 04, 2012 9:40 AM

To: Herranz, Tanya D - DSPS

Cc: Dickey, Renee - DSPS; Victor, Elizabeth A - DNR

Subject: D and K

Any idea when we might get an answer??? Not sure how much longer the DNR will wait for progress on the site.

Thanks,

#### Dave

From: Herranz, Tanya D - DSPS [mailto:Tanya.Herranz@Wisconsin.gov]

Sent: Wednesday, January 04, 2012 9:37 AM

To: Dickey, Renee - DSPS

Cc: David L. Fries

Subject: RE: owner reporting

I did receive the waiver, but on December 13th--therefore it is on Hold with the rest of them given the directive to not approve anything new after Nov 16th. Thank you.

Tanya

From: Dickey, Renee - DSPS

Sent: Wednesday, January 04, 2012 9:29 AM

To: Herranz, Tanya D - DSPS

Cc: David L. Fries

Subject: FW: owner reporting

Tanya, can you check to see if you have a waiver application for this site, thanks.

Renee'

From: David L. Fries [mailto:David.Fries@omnni.com]

Sent: Wednesday, January 04, 2012 9:27 AM

**To:** Dickey, Renee - DSPS **Subject:** RE: owner reporting

On a side note, Shonger Lor of D and K Foods was going to apply for a reduction or waiver of PECFA deductible. Have you received anything from him (#54911-4342-22)

Thanks,

Dave

From: Dickey, Renee - DSPS [mailto:Renee.Dickey@Wisconsin.gov]

Sent: Wednesday, January 04, 2012 9:25 AM

**To:** David L. Fries

Subject: RE: owner reporting

#### You're welcome!

From: David L. Fries [mailto:David.Fries@omnni.com]

Sent: Wednesday, January 04, 2012 9:19 AM

**To:** Dickey, Renee - DSPS **Subject:** RE: owner reporting

The link worked.

Thanks,

Dave

From: Dickey, Renee - DSPS [mailto:Renee.Dickey@Wisconsin.gov]

Sent: Wednesday, January 04, 2012 9:04 AM

To: David L. Fries

Subject: RE: owner reporting

Hi Dave,

Here is a link to the reporting application. http://apps.commerce.wi.gov/ER\_PecfaOwnerReportingApp/login.jsp

If it doesn't work for some reason, on the PECFA web page scroll down to where you see 'ELECTRONIC REPORTING LINKS' and pick the last link in that heading, Bi-Annual Owner Claim Reporting Page. Let me know if you have any questions, thanks.

Renee'

From: David L. Fries [mailto:David.Fries@omnni.com]

Sent: Wednesday, January 04, 2012 8:39 AM

**To:** Dickey, Renee - DSPS **Subject:** owner reporting

Renee, Once in the dsps.wi.gov.er/ER-PECFA-Home, I can not find a link. Can you help?

Sincerely,

Dave Fries Hydrogeologist, PG 920-830-6145 OMNNI Associates, Inc. www.OMNNI.com

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From: Victor, Elizabeth A - DNR

**Sent:** Friday, October 28, 2011 8:12 AM

To: 'David L. Fries'

Subject: RE: D and K Food Market

## Hi Dave:

Thanks so much for helping Mr Lor with getting PECFA eligibility. I hope he sends in the paperwork so he can get his property assessed and I hope you get some work out of it.

Liz

From: David L. Fries [mailto:David.Fries@omnni.com]

Sent: Thursday, October 27, 2011 12:31 PM

**To:** Victor, Elizabeth A - DNR **Subject:** D and K Food Market

#### Elizabeth,

Mr. Lor has received PECFA eligibility for his site, and I have sent him the necessary forms to apply for a waiver of the deductible. It is pretty much in his hands at this point. I will try to keep you updated.

#### Dave

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## This is an official online service provided by the Wisconsin Department of Safety and Professional Services

## Return to Search screen

## Site Data

Commerce Number 54911-4342-22

Site Name D & K Food Market

Site Address 122 W Wisconsin Ave

Site City Appleton

#### Disclaimer:

The information you are viewing is from the current PECFA database. Some of this data, including but not limited to, eligibility, tank type and maximum reimbursement amount, is subject to change based on new information that is received.

## **Occurrence Data**

Occurrence:	Α	File Location:	DNR
Occurrence Name:	D & K Food Market	File Transfer Date:	
Tank Type:	USTM	Max. Reimbursement:	\$190,000.00
Comm Notification Date:	10/14/2011	PECFA Eligibility:	
MtBE:	Not Detected	MtBE ug/L:	
Closure Flag:		Closure Date:	
Final Payment:		BRRTS No:	0345557561
DNR Notification Date:	08/18/2011	Occurrence ID:	19940
Contaminated Media-Groundwater:		Contaminated Media-Soil:	
GIS Registry (GW):		GIS Registry (Soil):	
GIS Registry Fee Paid (GW):		GIS Registry Fee Paid (Soil):	
SIR Date:			
\$60K Flag:		\$60K Failure:	
\$80K Flag:		\$80K Failure:	
Claim Liability Status:	200- LIABILITY-WILL F.	ILE Occ Class Rad:	

Data	Received:	
vale	Received:	

Claim	s Data			<del></del>	<del>.</del> .		<del></del>
Claim No	Claim Type Claim	Audit Line Date	Submitted Check Out Amount Date	Completed Date	Amount Paid	Paid Date	Planned Paid Date
Claim	Totals		-		<u>2</u>	<del></del>	<del></del>
-	Subr	nitted	Paid	Cl	aims		Deduct
					1		\$0.00

Return to Search screen



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

## **PHONE LOG**

	Date:	9/19/1	<u>/</u>
Call To: Liz Victor	_ Tel#: _	9	
·	_ Tel #: _	920 42	0 2067
Re: PRP letter dated 8/25/11			- <del></del>
-Mr. Lor called asking to meet with me to di	sass	the 10	Her Le got
- He contends that the tanks were removed over 4	0 455	ago c	and the
site has been paved over so it probably did.			
impacts in the Row. He also says he can	not	Day.	He has
contacted Dan Brittnacher & Don gave him a	cust	of s.	3,000 60
do the scape of work in the 18th. He does	it h	are to	re money
to come that work. Don also come wer & sear	ched	for t	anks
to come that work. Don also came over & seurousing a metal Detector. He didn't Find and detector.	tan	125 W/	metal
detector.	/:-a	a + 1	10 10-4
-I told him I would call him back regard	ing h	has !	oc sext
Steps would be - it I could assume his give	5 Dans	$\omega$ $\eta$	-ost a
meeting I would & I want to mad ove a	e cass	, Lo	3 rext
Steps would be - if I could assume his que meeting I would & I want to find out wif he doesn't move forward with the work to have the t.		_ / _ (	10000
have be t.	. (	. 7	la Colka
- Called him back - the DNR cannot force him to c	comply	With	the left
we sat. I filled him in on the PECFA program and	a en	mas to	<i>a</i>
to participate. I return the	011	5 6 A	6.1.2 do
intermation. I told him about the old fails will	h mi	nimal	impact
to his Frances. Mr. Lordid not to	NUN	it he	ues
pay process so he could assess the old fanks with to his finances. The said he would consider it	•		
$U = \sigma$			







# State of Wisconsin DEPARTMENT OF NATURAL RESOURCES Oshkosh Service Center 625 East County Road Y, STE 700 Oshkosh, WI 54901-9731

Scott Walker, Governor Cathy Stepp, Secretary

State Customer Service # 888-936-7463 Oshkosh FAX# 920-424-4404



August 25, 2011

SHONGER AND SHOUA LOR 1215 TAMMY RD OSHKOSH, WI 54904

SUBJECT:

Groundwater Contamination in Right of Way adjacent to 122 W. Wisconsin Ave., Appleton, WI

Need for Additional Investigation

WDNR Site Name: D & K Asian Food Market Pending WDNR BRRTS # 03-45-557561

Dear Mr. and Ms. Lor:

This letter is a follow-up to the Wisconsin Department of Natural Resources' (WDNR's) June 21, 2011 letter and our telephone conversation on July 29, 2011 regarding toluene in groundwater above a standard found in the right-of-way in front of your property located at 122 W. Wisconsin Ave. in Appleton, Wisconsin.

During July 2007, the Wisconsin Department of Transportation (WisDOT) performed a soil and groundwater investigation within the right-of-way along Wisconsin Ave. in Appleton, Wisconsin to identify contaminated soil and groundwater that might be encountered during planned construction work. The boring locations were selected by WisDOTs consultant based on evidence of potential or existing sources of contamination. Your property was identified as a potential source of contamination based on historical Sanborn Fire Insurance Maps that showed the presence of underground storage tanks (USTs) in the southern half of your property. As part of WisDOT's investigation, two soil borings were installed in the right-of-way just south of your property and soil and groundwater analyzed for petroleum volatile organic compounds (PVOCs), diesel range organics, gasoline range organics and naphthalene. Laboratory analytical results of the groundwater samples collected indicate the presence of toluene above the ch. NR 140, Wis. Adm. Code Preventative Action Level (PAL). Information regarding the sample locations and results are enclosed.

The WisDOT conducted roadwork on Wisconsin Avenue in Appleton in 2010; however, no additional data was collected from the right-of-way in front of your property. In order to obtain additional information to make a decision as to the source of the impact to groundwater within the right-of-way, the WDNR sent you a letter on June 21, 2011 requesting information regarding the use or storage of petroleum compounds or other chemicals at your property. You responded to the letter on June 22, 2011 via telephone and indicated that the USTs were removed by a previous property owner over 10 years ago and that you were not aware of any environmental investigation of the soil or groundwater on your property.

Given this information, and after a review of the WDNR case files for adjacent properties with environmental contamination, the nearest and most likely potential source of the impact to the groundwater in the right-of-way is the former underground storage tanks (USTs) that were removed from your property. Because an environmental investigation was not conducted to determine if a release from the USTs had occurred, the USTs cannot be eliminated as a source of the groundwater contamination in the right-of-way. Based on the information available to the WDNR at this time, the WDNR is requesting you contact an environmental consultant to perform one of



## the following investigations:

- 1. Conduct confirmation sampling of the groundwater at former temporary well TW8 (see attached documentation) to determine if the PAL exceedence for toluene discovered in 2007 can be reproduced, or
- 2. Perform a Phase 2 Environmental Site Assessment of the parking lot which, based on the Sanborn maps, is where the former USTs were located.

The WDNR will use the data collected to determine what further actions, if necessary, are required.

By September 29, 2011, please provide written verification (such as a letter from the consultant) that you have hired a consultant. By October 27, 2011, your consultant should submit a workplan and schedule for conducting one of the options outlined above. This information is requested by the Department under the authority of ss. 292.11(7)(a) and s. 292.11(8), Wis. Stats.

To ensure that your investigation complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. Information regarding hiring a consultant and understanding the cleanup process is attached and can be found at <a href="http://dnr.wi.gov/org/aw/rr">http://dnr.wi.gov/org/aw/rr</a>.

The WDNR has assigned a temporary Bureau for Remediation and Redevelopment Tracking System (BRRTS) number to this case for tracking purposes and is included in the subject above. Please reference this WDNR BRRTS number on all future correspondence. All correspondence should be sent to:

Elizabeth A. Victor, P.G.
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
625 E. County Rd. Y, Suite 700
Oshkosh, WI 54901-9731
elizabeth.victor@wisconsin.gov

Your cooperation in this matter is appreciated. If you have any questions regarding the content of this letter, please contact me in Oshkosh at (920) 303-5424.

Sincerely,

ENGTON

Elizabeth A. Victor, P.G.

Hydrogeologist

Bureau for Remediation & Redevelopment

Attachments: June 21, 2011 Potentially Responsible Party Letter

December 12, 2007 Phase 2 Subsurface investigation Report (portions)

RR-502 - Selecting an Environmental Consultant RR-024 - Environmental Services Contractor List

Cc: Don Brittnacher P.E. P.G., OMNNI Associates (via email: <a href="mailto:don.brittnacher@omnni.com">don.brittnacher@omnni.com</a>)
Kathie VanPrice, WisDOT (via email: <a href="mailto:kathie.vanprice@dot.wisconsin.gov">kathie.vanprice@dot.wisconsin.gov</a>)





## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

## **PHONE LOG**

	Date: 7/2 9/11
Call To: Mr. Lor DEK Food Mart	Tel#: <u>(926) 420-206</u> 7
Call From: Liz Victu	Tel #:
Re: Contamination in Right - of - Way.	
Called to tell Mr. Lar I have looked at	surrounding cases and
discussed site ul a co-worker ( Jennifer Buricsi	- Acting sperisor).
we did not see any contamination coming of	
sites that would result in the to luene in fru	
The information ( site use as a formergas state	than) provided indicates
it could possibly be coming from his site.	
-what we will be asking him to do is t	
and either: @ resample the location where the	e petroleum con pounds
were detected or 6 perform a phase I ESA	
- we would put this in a letter with inform	
consultant and assign a temporary track,	is to it.
yo told me that he doesn't have any	money, his rente
and him too 5 mas This He is a	2150 403-61 14-61
hasn't he one who owned he tanks-	hey was removed
by the previous owner.	•





dnr.wi.gov wisconsin.gov

## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

## **PHONE LOG**

	Date: 6/22/1/
Call To: / 12 VICTV	Tel#:
Call To: Victor  Call From: Nr Lor - D & K Asain Food Ma  Re:	Tel#:( <u>920) 420 - 2</u> 06 7
Re:	
Mr. Lor Called in response to the PRP letter	I sat him.
He Stated that when he lived in Appletun in	
remembered the property was a gasolike Servi	
bought he property about 10 years ago.	
had been removed by the previous owner	h He didn't
Mink any testing had been dure. He did.	not have a
Phase I ESA done when he bought he	pryperty 14
Prase I ESA done when he bought the Previous owner is not around - he thinks Minnesota Afre I silvers	he mued to
THE THE SIR WAS A gas ST	a. Du 12 secane
15 Me - 17 was a store when he bought	ro .
I told him that be cause he used	to have tanks
on the property if it is the some of	if cuitamiliana
La responsible To Cleaning it	t up. He would
and in do some soul a go some	NO OCC 1
the imagests are on his site is are the	e source, I me
him thee May be Mas workinste	K neg min
clear it p. I will set back to him to	let him Knu
What he reds to do not	
He is concerned that there are of	ner Swiles 1945
stations) in the only that might be	The Carol,
stations) in the only that might be 6/23/11- called Mr. Lor back to let him Kr.	on we are going
of the other sites in the with between	ing king a alcisio
what we will be doing. This might take a  Elizabeth A. Victor will give him a call or said	Lugie weres, we
	nima icore after

Quality Natural Resources Management

Through Excellent Customer Service

From:

Victor, Elizabeth A - DNR

Sent:

Tuesday, June 21, 2011 11:03 AM

To:

'don.brittnacher@omni.com'

Subject:

D&K food Store

**Attachments:** 

PRP letter D&K Food Market.pdf

Hi Don:

FYI, attached is a PRP letter we are sending out to the owners of D&K Asian Food Market.

Liz



PRP letter D&K Food Market.pdf...



Hydrogeologist
Oshkosh Service Center
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources

(雷) phone: (920) 3 (雷) fax: (920) 424-4404

(920) 303-5424

(🖃) e-mail:

elizabeth.victor@dnr.state.wi.us

# State of Wisconsin DEPARTMENT OF NATURAL RESOURCES Oshkosh Service Center 625 East County Road Y, STE 700 Oshkosh, WI 54901-9731

Scott Walker, Governor Cathy Stepp, Secretary

State Customer Service # 888-936-7463 Oshkosh FAX# 920-424-4404



June 21, 2011

Shonger and Shoua Lor 1215 Tammy Rd. Oshkosh, WI 54904

SUBJECT: Groundwater Contamination in Right of Way adjacent to 122 W. Wisconsin Ave., Appleton, WI

Dear Mr. and Ms. Lor:

The Wisconsin Department of Natural Resources ("the Department") has been notified of petroleum related contamination in groundwater in the right-of-way adjacent to your property located at 122 W. Wisconsin Avenue. As part of the on-going investigation, the Department is looking for potential sources of this contamination, of which D&K Asian Food Market has been identified, due to it's proximity to the above referenced site and evidence that the property may have been an old gasoline service station.

The Department is investigating whether you and any past owners or occupants of your property may potentially be responsible for causing or contributing to the contamination found in the right-of-way. The Department is sending this letter to request any information that you can provide regarding the use or storage of petroleum or other chemicals by yourself or other past owners or occupants of your property.

The Department also requests that you provide us with a history of the owners, occupants and land uses of your property. Please provide any information that you may have as to any manufacturing that occurred on your property in the past and the years of its operation. Also include a description of any documented hazardous substance spills, groundwater or surface water contamination, and any environmental investigation or remediation efforts that have occurred on your property. Please provide any additional information that may aid in determining the source of contamination of the above-referenced site.

By July 15<sup>th</sup>, please provide me with a <u>letter</u> containing the information requested above. This information is requested by the Department under the authority of s. 292.11(7)(a) and s. 292.11(8), Wis. Stats.

Your cooperation in this matter is appreciated. If you have any questions regarding the content of this letter, please contact me in Oshkosh at (920) 303-5424.

Sincerely,

Elizabeth A. Victor, P.G.

Enam

Hydrogeologist

Bureau for Remediation & Redevelopment

Cc: Don Brittnacher P.E. P.G., Omni Associates (via email: don.brittnacher@omnni.com)



#### 2010 Property Record Outagamie County, WI

Assessed values not finalized until after Board of Review Property information is valid as of 6/15/11 Owner Co-Owner(s) SHONGER & SHOUA LOR 1215 TAMMY RD No co-owners listed Property Description Oshkosh, WI 549040000 SIXTH WARD PLAT 6WD S100FT OF LOT 4 BLK 28 (DOC1379920) **Property Information** Municipality: CITY OF APPLETON Parcel ID: Property Address: 122 W WISCONSIN AVE 316088700 Document #: 1865070 **Land Valuation** Tax Districts: APPLETON SCHOOL Land Class Code <u>Impr.</u> 83,000 Acres Land FOX VALLEY TECH G2 .190 46,000 129,000 Totals: .190 \$46,000 \$83,000 \$129,000 Tax Information Total Acres: .190 <u>Installment</u> <u>Amount</u> Assessment Ratio: 0.9792 First \$1,841.33 Fair Market Value \$131,740 Second \$711.00 Third Delinguent Tax Summary \$711.00 Fourth Year Current Balance Interest Due \$711.00 Total Due City of Appleton properties have an option of 4 installments that are due by: 1 - Jan. 31 2 - March 31 3 - May 31 4 - July 31 All installments payable to **CITY OF APPLETON**. 2010 1,422.00 71.10 1,493.10 \$1,422.00 \$71.10 \$1,493.10 Balances due are good through the last day of this month. All other Outagamie County properties have 2 installments that are due by:
1 - Jan. 31: Payable to LOCAL MUNICIPALITY
2 - July 31: Payable to Outagamie County City of Appleton Parcels: If today is before July 31st and a delinquent balance is due for last year, make payment for last year to the City of Appleton Finance Department. All other years are payable to the Outagamie County Treasurer. After July 31st, all delinquent years are Base Tax 2,845.91 payable to the Outagamle County Treasurer. Special Assessment 1,128.42 Lottery Credit .00 Change month of payoff Net Tax Due Delinquent Tax Calculator 3,974.33 Amount Paid 2,552.33 View payment history information below. Current Balance Due 1.422.00 Interest 71.10 Total Due 1,493.10 Most Recent Tax Year: Click on "Tax Bill" button below for payment instructions shown on the installment stubs. Prior Tax Years: Total due is effective through the last day of this month and payable to the Outagamie County Treasurer. <u>Date</u> 01/31/2011 Receipt # <u>Amount</u> <u>Interest</u> Total 939 2552.33

## Phase 2 Subsurface Investigation

at

D & K Food Market Property, 122 W. Wisconsin Ave. Appleton, Wisconsin

for

DOT Project Design ID #4075-17-00 Wisconsin Ave. (STH 96) Richmond St. to Ballard Rd., Appleton Outagamie County

December 12, 2007

OMNNI Project #E1715B07

ENGINEERING • ARCHITECTURE • ENVIRONMENTAL



Don Brittnacher OMNNI Associates One Systems Dr. Appleton, WI 54914

Ph.: 920/735-6900 Fax: 920/830-6100 Email: don.brittnacher@omnni.com

## **EXECUTIVE SUMMARY**

OMNNI Associates has completed a subsurface investigation on the Wisconsin Ave. (STH 96) right-of-way adjacent to the D & K Asian Food Market property, 122 W. Wisconsin Ave., Appleton, Outagamie County, Wisconsin. The property is located on the northeast corner of the intersection of Appleton St. and Wisconsin Ave. The area investigated was identified as a potentially contaminated site within the area of planned reconstruction of Wisconsin Ave. (STH 96). In a Phase 1 hazardous materials assessment report dated March 29, 2006, OMNNI recommended Phase 2 borings, based on the former use of the area as a gasoline service station.

For this Phase 2 investigation, two geoprobe soil borings were installed to a depth of 10 feet. Soil samples were tested for petroleum volatile organic compounds (PVOCs), naphthalene, gasoline range organics (GRO), and diesel range organics (DRO). There was no field or analytical evidence of soil contamination at the sampled locations.

Temporary wells were installed in the borings, and groundwater samples were taken and sampled for PVOCs and naphthalene. The sample from temporary well TW8 revealed a toluene concentration of 292 ug/l, which is above the preventive action limit. Other contaminants below preventive action limits were identified in both borings.

There is a possibility that contamination may be encountered by project activities. OMNNI recommends that a hydrogeologist be on standby during excavation activities in the area, so that if evidence of contamination is observed, then impacted soils can be screened and segregated for proper disposal.

### INTRODUCTION/BACKGROUND

The Phase 2 services were performed in conjunction with the planned reconstruction of Wisconsin Avenue (STH 96) between Richmond St. and Ballard Rd. in the City of Appleton. The site of the boring project is located in the SE ¼ of the SW ¼ of section 23, T21N, R17E, in the City of Appleton, Outagamie County, Wisconsin. (See Site Location Map, Appendix 1.)

The existing roadway in the project area is in poor condition and deteriorating. Project activities will include the replacement of utilities, road reconstruction, the addition of turn lanes where appropriate, and aesthetic streetscape improvements.

In a Phase 1 hazardous materials assessment report dated March 29, 2006, OMNNI recommended Phase 2 borings at the D & K Asian Food site. A gasoline service station formerly operated on the site, and no record of subsurface investigation at the site was found. (See Environmental History, Appendix 1.)

The following are the primary contacts for the project:

Client:

WisDOT Northeast Region, 944 Vanderperren Way, Green Bay, WI 54304-5344; (920) 492-7175. Contact: Kathy Van Price.

Consultant: OMNNI Associates, One Systems Drive, Appleton, WI 54914; (920) 735-6900.

Contacts: Peggy Hawley, Don Brittnacher.

Geoprober: On-Site Environmental Services, Inc., P.O. Box 280, Sun Prairie, WI 53590;

(608) 837-8992. Contact: Joanne Austin.

Laboratory: Synergy Environmental Lab, 1990 Prospect Ct., Appleton, WI 54914; (920)

830-2455.

## GEOLOGY AND HYDROGEOLOGY

Surface deposits in the vicinity of the site consist of glacial lake deposits formed during the Pliestocene period. United States Geological Survey maps (Water Resources of Wisconsin - Fox-Wolf River Basin, by Perry G. Alcott, 1968) indicate that the deposits in the area are composed of clay, silt, and sand. The deposits overlie the Platteville, Decorah, and Galena dolomite.

Soil samples collected during geoprobing activities at the site consisted of clay, with a sandy clay seam at four - five feet below ground surface. Bedrock was not encountered in the borings, and is anticipated to be over 50 feet from the surface.

Topography on-site is flat. During geoprobing activities, groundwater was encountered as shallow as 3.2 feet below the ground surface. The groundwater flow direction is unknown, but is anticipated to have a southerly component, based on investigative work done on the property across Appleton Street to the west of the subject property.

The soils on-site consist primarily of Kewaunee silt loam soils, which are gently sloping, moderately well drained and well drained soils.

#### FIELD ACTIVITIES

On July 10, 2007, OMNNI coordinated the installation of two geoprobe soil borings (B7 and B8) at the site. The borings were installed in street right-of-way, in areas near the former underground petroleum system. (See Photo and Plan View of Site, Showing Boring Locations, Appendix 1.)

The borings were drilled to a depth of 10 feet. (See soil boring log information forms, Appendix 2.) Soil samples were obtained continuously for field screening with a photoionization detector (PID). At each sampling interval, a representative portion of the soil was also collected for possible laboratory analysis. (See Handbook of Field Procedures, Appendix 3.) Soil samples were chosen from each boring for laboratory analysis based on Department of Transportation protocol.

Temporary monitoring wells were installed in the borings. The wells were allowed to recover prior to testing.

Approximately two gallons of soil cuttings were collected during the geoprobe activities. The soil cuttings were contained until return of the laboratory results, and are being disposed of properly.

## FIELD AND ANALYTICAL RESULTS

Headspace screening results from the two soil borings were 0.0 ppm (isobutylene equivalents). (See soil boring logs for headspace data, Appendix 2.) Field headspace results did not show evidence of contamination in the borings. No staining or odors were evident.

The soil samples collected from the borings were tested for petroleum volatile organic compounds (PVOCs), naphthalene, gasoline range organics (GRO), and diesel range organics (DRO). The analytical samples were collected from the 5-7.5 feet interval in both borings. Laboratory analysis revealed no evidence of contamination. (See Table 1 – Summary of Laboratory Analysis - Soil Samples, <u>below</u>, and Laboratory Analysis Results and Chain of Custody Documentation, Appendix 4.)

TABLE 1
SUMMARY OF LABORATORY ANALYSIS
SOIL SAMPLES
D & K Asian Food - 122 W. Wisconsin Ave.

PARAMETER	NR 720.09 RCLs based on protection of groundwater	B7-3 (TW7)	B8-3 (TW8)
SAMPLE DEPTH (feet)		5 - 7.5	5 - 7.5
SAMPLE DATE		7/10/07	7/10/07
PID LEVEL (ppm - isobutylene equivalents)		0	0
GASOLINE RANGE ORGANICS ( DRO) (mg/kg)	250	< 10	< 10
DIESEL RANGE ORGANICS ( DRO) (mg/kg)	250	< 10	< 10
NAPHTHALENE (μg/kg)	20,000	< 25	< 25
PVOCs (μg/kg)			
BENZENE	5.5	< 25	< 25
ETHYLBENZENE	· 2,900	< 25	< 25
МТВЕ	-	< 25	< 25
TOLUENE	1,500	< 25	< 25
1,2,4-TRIMETHYLBENZENE	~	< 25	< 25
1,3,5-TRIMETHYLBENZENE	-	< 25	< 25
m&p-XYLENE	4,100	< 50	< 50
o-XYLENE	4,100	< 25	< 25

RCL = residual contaminant level

The groundwater samples collected from the temporary wells were tested for PVOCs and naphthalene. (See Table 2 – Summary of Laboratory Analysis, Groundwater Samples, <u>below</u>, and Laboratory Analysis Results and Chain of Custody Documentation, Appendix 4.) The sample from temporary well TW8 revealed a toluene concentration of 292 ug/l, which is above the preventive action limit. Other contaminants below preventive action limits were identified in both borings.

All boreholes were properly abandoned. (See borehole abandonment forms, Appendix 2.)

## TABLE 2 SUMMARY OF LABORATORY ANALYSIS GROUNDWATER SAMPLES D & K Asian Food - 122 W. Wisconsin Ave.

PARAMETER (μg/L)	ES	PAL	TW7 (B7)	TW8 (B8)
SAMPLE DATE				7/13/07
DETECTED PVOCs + NAPHTHALENE				
ETHYLBENZENE	700	140	< 0.44	8.1
TOLUENE	1,000	200	0.35 "J"	<u>292</u>
1,2,4-TRIMETHLYBENZENE	480	96	< 0.45	0.66 "J"
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)	< 0.22	0.291 "J"
m&p-XYLENE	10,000	1,000	< 0.68	21
o-XYLENE	10,000	1,000	< 0.53	9

ES = enforcement standard

PAL = preventive action limit

0.35 "J" = detected between the limit of detection and the limit of quantitation.

292 = sample concentration detected above the preventive action limit

## CONCLUSIONS/RECOMMENDATIONS

Toluene is present in the groundwater in the project right-of-way above preventive action limits. There is a possibility that contamination may be encountered by project activities. OMNNI recommends that a hydrogeologist be available on standby when project excavation takes place in the area. If field evidence of contaminated soils is observed, the hydrogeologist can then mobilize to the site to field screen soils and segregate any contaminated soils for proper disposal.

## STANDARD OF CARE

The conclusions presented in this investigation were arrived at using generally accepted hydrogeologic and engineering practices. The conclusions presented herein represent our professional opinions, based on the data collected at the time of the investigation, at the specific boring and sampling locations discussed in this report. Conditions at other locations on the property may be different than described in this investigation. The scope of this report is limited to the specific project and location described herein.

Prepared By:	Don Brittmacher	
	Don Brittnacher, P.G.	., P.E.
	Hydrogeologist, Engi	ineer
"I, Don Brittnacher, hereby certify NR 712.03 (1), Wis. Adm. Code, ar information contained in this doct compliance with all applicable re	nd that, to the best of my k ument is correct and the o	nowledge, all of the locument was prepared in
(Professione	al Geologist)	(PSENtumber)
	<b>J</b> ,	MAL QE DELINE
"I, Don Brittnacher, hereby certify to of Wisconsin, registered in accorded that this document has been prepared to the conduct in ch. A-E 8, Wis. Adm. Conformation contained in this document and applicable research."	ance with requirements of pared in accordance with ode; and that, to the best ument is correct and the do	ch. A-E 4, Wis. Adm. Code; the Rules of Professional of my knowledge, all ocument was preferred from
Don Bru	ttnacher	DONALD J. デスター BRITTNACHER E302889999 年 日本
(Profession	al Engineer)	WI WIND ON A L
		ADDITORNAL STREET

## **Environmental History** D & K Asian Food Market, 122 W. Wisconsin Ave.



## Operations of Interest:

gas station: 1933, 1941 - 1951,

1957 - 1967

laundry: 1949

auto sales: 1970 - 1971 printing: 1955 - 1960

## parking lot sealing: 1974

towing: 1975

paint store: 1981 - 1984

## Regulatory History:

none

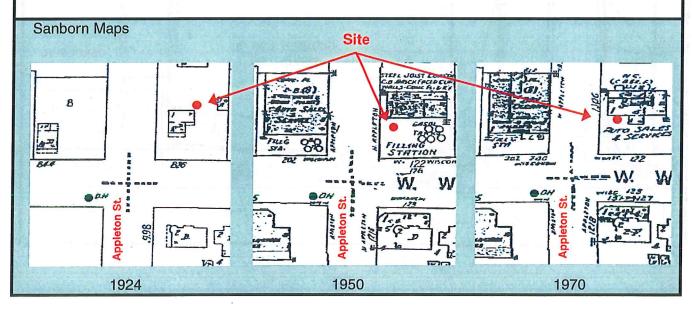
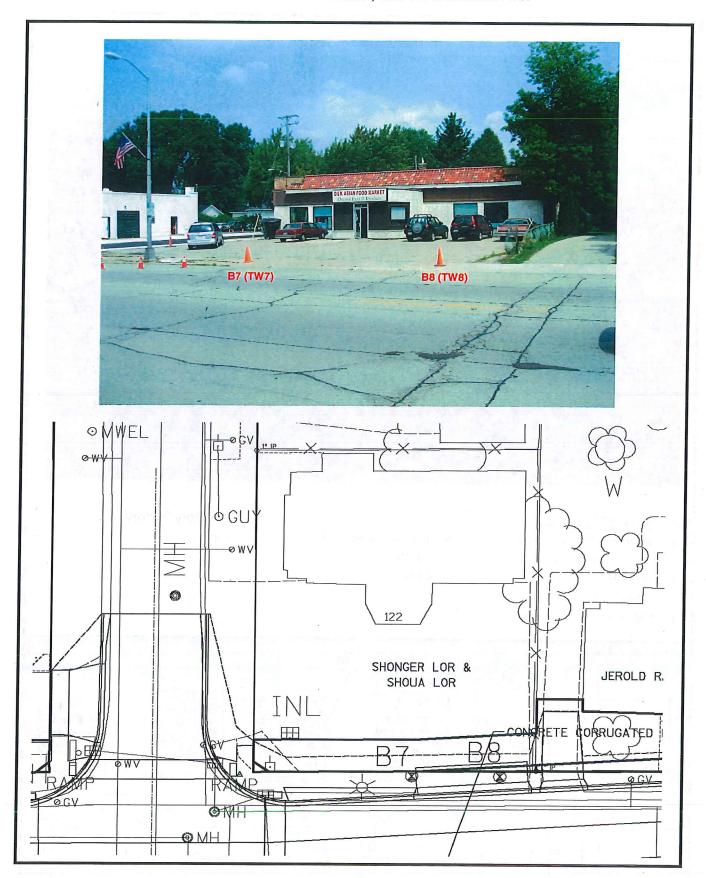


Photo and Plan View of Site, Showing Boring Locations D & K Asian Food Market, 122 W. Wisconsin Ave.



## SOIL BORING LOG INFORMATION Form 4400-122 Rev. 7-98

	Remediation/Revelopment Other Wis DOT																			
	D&K Asign Food, west boring: DOT ID 4075-1							075-17	7-00: 122 W. Wisconsin Ave. Page of License/Permit/Monitoring Number Boring Number											
	Wis Borin	Wisconsin Ave, /STH96', Richmond-Ballard', Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: Firm: On-Site Environmental VI Unique Well No. DNR Well ID No. Well Name							_	B7										
	First								Date Drilling Started  7, 10, 200 mm d d y y y  Final Static Water Leve				Date							
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•	Number and Type	ngth cover	Š	A S		Eac	h Major Unit			SCS	Phic	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments	
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Signature Don Brittnacher								F	OMNNI Associates											
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

## SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater Waste Management Remediation/Revelopment Other Wis Dot																				
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	Wis	Dalk Asign Food east boring. DOT ID 4075-17 Facility/Project Name  Wisconsin Ave, /STH 96: Richmond-Ballard: Boring Drilled By: Name of crew chief (first, last) and Firm								L   B8										
	First Name: Last Name:									$\frac{7}{m} \frac{1}{m} \frac{1}{d} \frac{0}{d} \frac{20}{y} \frac{0}{y} \frac{7}{y}$ Final Static Water Level						pleted	Borehole Diameter			
	WIU	Firm: On-Site Environmenta WI Unique Well No. DNR Well ID No. Well Name  ocal Grid Origin												d d		<del>y</del> <del>y</del>				
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Don Brittnacher								OMNNI Associates												

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921 dor wil nov

## Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to:	B
Drinking Water Watershed/Wastewater Waste Management	Remediation/Redevelopment Other: Wis DOT
1. General Information	2. Facility / Owner Information
WI Unique Well No. DNR Well ID No. County	Facility Name
B7 Outagamie	STH 96 (Wisconsin Ave.) RO.W.
Common Well Name Gov't Lot # (# applicable)	Facility ID License/Permit/Monitoring No.
1/4 //4 Section Township Range ► → F	D& K Asian Food, West boring
	Street Address of Well
	122 W. Wisconsin Ave. City, Village or Town
Well Location [ft] / M (Local Grid ] Datum	Appleton WI
N/S E/W	Present Well Owner Original Well Owner
Zone WTMUTMLatitude/LongitudeState Plane S C N	City of Appleton City of Appleton
Local Grid Origin II. / M Datum	Street Address or Route of Present Owner
	100 N. Appleton St.
N,E/WZone	City State ZIP Code
WTM- UTM- Latitude/Longitude State Plane S C N	Appleton   WI   54911
Reason For Abandonment WI Unique Well No. of Replacement Wel	4. Pump, Liner, Screen, Casing & Sealing Material
no longer needed	Pump and piping removed? $\square_{Yes} \square_{No} \nearrow_{N/A}$
3. Well / Drillhole / Borehole Information	Liner(s) removed?
Original Construction Date	Screen removed?
7/10/07	Casing left in place? Lyes No DN/A
If a Well Construction Report is available, please attach.	Was casing cut off below surface? ☐Yes ☑No ☐N/A
	Did sealing material rise to surface?
Construction Type:	Did material settle after 24 hours?
Drilled Driven (Sandpoint) Dug	If yes, was hole retopped?  Yes No N/A
Other (specify): <u>qeoprobe</u>	If bentonite chips were used, were they hydrated with water from a known safe source?
Formation Type:	Required Method of Placing Sealing Material
Unconsolidated Formation Bedrock	Conductor Pipe-Gravity Conductor Pipe-Pumped
Total Well Depth From Groundsurface (ft.) Casing Diameter (in.)	Screened & Poured (Bentonite Chips)  Other (Explain):   gravity
	Sealing Materials
Lower Drillhole Diameter (in.)  Casing Depth (ft.)	☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
2 10	☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry "
Was well annular space grouted? Yes No Unknown	☐ Concrete ☐ Bentonite Chips For Monitoring Wells and Monitoring Well Boreholes Only:
If yes, to what depth (feet)? Depth to Water (feet)	Bentonite Chips Bentonite - Cement Grout
3, 2	Granular Bentonite Bentonite - Sand Slurry
5. Mäterial Used To Fill Well / Drillhole	No Yards (Sacks Sealant   Mix Ratio or
等的现在分词 100 mm	Surface 0,5 or Volume (circle one) Mud Weight
Concrete bentonite	0.5 10 V3
DENIONITE	0.5 10 73
6. Comments	
	<u> </u>
7. Supervision of Work	DNR Use Only
Name of Person or Firm Doing Sealing Work.  Date of Abanca	
OMNNI Associates 7/13	107
Street or Route Telephone No.	
One Systems Dr. (920) 73  City State ZIP Code	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Appleton WI 54914	ignature of Person Doing Work Date Signed 7-20-07
	1 20-01

State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921 dnr.wi.gov

## Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04)

Page 1 of 2

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☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Mana	gement Remediation/Redevelopment Other: Wis DOT
1: General Information	2. Facility / Owner Information
WI Unique Well No. DNR Well ID No. County	Facility Name
B8 Outagamie	STH 96 (Wisconsin Ave.) R.O.W.
Common Well Name Gov't Lot # (if applicable	) Facility ID License/Permit/Monitoring No.
	Dak Asian Food east boring
1/4 1/4 Section Township Range	E Street Address of Well
SE   SW   23   21 N 17	Aw 122 W. Wisconsin Ave.
Well Location ft. / M (Local Grid ) Date	City Village on Taxon
	Apoleton, WI
N/S E/W_	Zone Present Well Owner Original Well Owner
	ICINI City of Appleton City of Appleton
Local Grid Origin [it.] / M Datu	Street Address of Route of Present Owner
	"" [100 N. Appleton St.
N,E/W	City State ZIP Code
	Zone Appleton   WI 54911
Reason For Abandonment WI Unique Well No. of Replacer	- 「「「「「「「「」」」」「「「」」」「「」」」「「」」」「「」」」「「」」
no longer needed	Pump and piping removed?
3. Well / Drillhole / Borehole Information	Liner(s) removed?
Original Construction Date	
Monitoring Well 7/10/07	
Water Well If a Well Construction Report is ava	
Borehole / Drillhole please attach.	
Construction Type:	Did sealing material rise to surface?
Drilled Driven (Sandpoint) Dug	Did material settle after 24 hours?
Other (specify):qeoprobe	If yes, was hole retopped?  If bentonite chips were used, were they hydrated  No N/A
	If bentonite chips were used, were they hydrated with water from a known safe source?  No N/A
Formation Type:	Required Method of Placing Sealing Material
Unconsolidated Formation Bedrock	Conductor Pipe-Gravity Conductor Pipe-Pumped  Screened & Poured Conductor Pipe-Pumped
Total Well Depth From Groundsurface (ft.) Casing Diameter (in.)	(Bentonite Chips) Other (Explain): 919vity
	Sealing Materials
Lower Drillhole Diameter (in.)  Casing Depth (ft.)	☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
2 16	Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " "
Manual I and I am I a	
Was well annular space grouted? Yes No Un	known Concrete Bentonite Chips
	For Monitoring Wells and Monitoring Well Boreholes Only:
If yes, to what depth (feet)? Depth to Water (feet)	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips  Bentonite - Cement Grout
If yes, to what depth (feet)?  Depth to Water (feet)  5.5	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips Bentonite - Cement Grout  Granular Bentonite Bentonite - Sand Slurry
If yes, to what depth (feet)? Depth to Water (feet)	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips  Bentonite - Cement Grout
If yes, to what depth (feet)?  Depth to Water (feet)  5.5	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips Bentonite - Cement Grout Granular Bentonite  No. Yards Sacks Sealant  Mix Ratio of
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well / Drillhole	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips Bentonite - Cement Grout  Granular Bentonite Bentonite - Sand Slurry  From (ft.) To (ft.) To (ft.) Or Volume (circle one) Mud Weight
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well (Drillhole  Concrete ben ton ite	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips Bentonite - Cement Grout Bentonite - Sand Slurry  From (ft.)  To (ft.)  No Yards Sacks Scalant Or Volume (circle one)  Surface  O,5
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well / Drillhole  Concrete	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips Bentonite - Cement Grout Bentonite - Sand Slurry  From (ft.)  To (ft.)  No Yards Sacks Scalant Or Volume (circle one)  Surface  O,5
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If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well / Drillhole  Concrete bentonite  6. Comments	From (ft.) To (ft.) Surface 0,5  O.5 10 1/3
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well / Drillhole  Concrete bentonite  Comments  Supervision of Work	From (It.) To (II.) Or Volume (Circle One)  Divides Only:    Bentonite Chips
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well / Drillhole  Concrete bentonite  6. Comments  7. Supervision of Work  Name of Person or Firm Doing Sealing Work  Date	From (ft.) To (ft.) Or Volume (circle one)  DNR Use Only  Date Received Noted By  For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite - Cement Grout  Bentonite - Sand Slurry  Bentonite - Sand Slurry  Mix Ratio or Mud Weight  DNR Use Only
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well (Drillhole  Concrete bentonite  6. Comments  7. Supervision of Work  Name of Person or Firm Doing Sealing Work  OMNNI Associates	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips Bentonite - Cement Grout Bentonite - Sand Slurry  From (ft.) To (ft.) No. Yards (Sacks Sealant or Volume (Circle one) Mud Weight  Surface 0,5  0,5  0,5  DNR Use Only  of Abandonment Date Received Noted By-
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well (Drillhole  Concrete bentonite  Comments  7. Supervision of Work  Name of Person or Firm Doing Sealing Work  OMNNI Associates  Street or Route	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips Bentonite - Cement Grout Bentonite - Sand Slurry  From (ft.) To (ft.) No. Yards (Sacks Sealant or Volume (Circle one)  Surface 0,5  0,5  0,5    DNR Use Only   Only
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well (Drillhole  Concrete bentonite  Comments  7. Supervision of Work  Name of Person or Firm Doing Sealing Work  OMNNI Associates  Street or Route	From (It.) To (It.) Surface O,5  O,5 IO V3  Of Abandonment Date Received Noted By  Othore Number Comments
If yes, to what depth (feet)?  Depth to Water (feet)  5.5  Material Used To Fill Well / Drillhole  Concrete bentonite  6. Comments  Zupervision of Work  Name of Person or Firm Doing Sealing Work  OMNNI Associates  Street or Route  Telep	For Monitoring Wells and Monitoring Well Boreholes Only:  Bentonite Chips Bentonite - Cement Grout Bentonite - Sand Slurry  From (ft.) To (ft.) No. Yards (Sacks Sealant or Volume (Circle one) Mud Weight  Surface 0,5  0,5 10 13  DNR Use Only  of Abandonment Date Received Noted By- 7 113 107  Donne Number Comments

WIS AVE. RICHMOND TO BALLARD **Project Name Invoice #** E15669 Project # E1715B07

5015669F Lab Code **B6-4** Sample ID

Sample Matrix Soil

7/10/2007 Sample Date

	Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Trichloroethene (TCE)	< 25	ug/kg	17	54	1	8260B	7/17/2007	CJR	1
Trichlorofluoromethane	< 25	ug/kg	25	81	1	8260B	7/17/2007	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	20	63	1	8260B	7/17/2007	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	16	52	1	8260B	7/17/2007	CJR	1
Vinyl Chloride	< 25	ug/kg	19	62	1	8260B	7/17/2007	CJR	1
m&p-Xylene	< 50	ug/kg	40	129	1	8260B	7/17/2007	CJR	1
o-Xylene	< 25	ug/kg	23	72	1	8260B	7/17/2007	CJR	1

5015669G Lab Code Sample ID Soil Sample Matrix Sample Date 7/10/2007

Result Unit rod rod Dil Method Run Date Analyst Code General General Solids Percent 87.0 % 1 5021 7/13/2007 DJB 1 Organic General Diesel Range Organics < 10 mg/kg 0.62 2 1 DRO95 7/13/2007 MJR 1 GRO/PVOC + Naphthalene Gasoline Range Organics < 10000 ug/kg 1700 5400 1 GRO95/8021 7/18/2007 CJR ·I Benzene < 25 ug/kg 25 79 1 GRO95/8021 7/18/2007 СЛ 1 Ethylbenzene < 25 ug/kg 21 67 1 GRO95/8021 7/18/2007 CJR 1 Methyl tert-butyl ether (MTBE) < 25 ug/kg 14 43 1 GRO95/8021 7/18/2007 CJR Naphthalene < 25 ug/kg 18 56 1 GRO95/8021 7/18/2007 CJR Toluene < 25 ug/kg 22 71 1 GRO95/8021 7/18/2007 СJR 1,2,4-Trimethylbenzene < 25 ug/kg 23 72 1 GRO95/8021 7/18/2007 CJR 1 1,3,5-Trimethylbenzene < 25 ug/kg 16 52 1 GRO95/8021 7/18/2007 CJR 1 m&p-Xylene < 50 ug/kg 17 53 1 GRO95/8021 7/18/2007 CJR 1

16

ug/kg

50

1

GRO95/8021

7/18/2007

CJR

5015669H Lab Code B8-3 Sample ID Soil Sample Matrix Sample Date 7/10/2007

< 25

o-Xylene

Sample Date	7710/2007		•								
•		Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code	
General											
General											
Solids Percent		90.7	%			1	5021	7/13/2007	DJB	1	
Organic											
General											
Diesel Range Organ	ics	< 10	mg/kg	0.62	2	1	DRO95	7/13/2007	MJR	1	
GRO/PVOC+	Naphthalene										
Gasoline Range Org	anics	< 10000	ug/kg	1700	5400	1	GRO95/8021	7/18/2007	CJR	1	
Benzene		< 25	ug/kg	25	79	1	GRO95/8021	7/18/2007	CJR	1	
Ethylbenzene		< 25	ug/kg	21	67	1	GRO95/8021	7/18/2007	CJR	1	
Methyl tert-butyl eth	er (MTBE)	< 25	ug/kg	14	43	1	GRO95/8021	7/18/2007	CJR	1	
Naphthalene		< 25	ug/kg	18	56	1	GRO95/8021	7/18/2007	CJR	1	
Toluene		< 25	ug/kg	22	71	1	GRO95/8021	7/18/2007	CJR	1	
1,2,4-Trimethylbenz	ene	< 25	ug/kg	23	72	1	GRO95/8021	7/18/2007	CJR	1	

**Project Name** WIS AVE. RICHMOND TO BALLARD Invoice # E15669 E1715B07

Project #

5015669H Lab Code B8-3 Sample ID Sample Matrix Soil

Sample Date 7/10/2007

	Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 25	ug/kg	16	52	1	GRO95/8021	7/18/2007	CJR	1
m&p-Xylene	< 50	ug/kg	17	53	1	GRO95/8021	7/18/2007	CJR	1
o-Xylene	< 25	ug/kg	16	50	1	GRO95/8021	7/18/2007	CJR	1

Lab Code 50156691 B9-3 Sample ID Sample Matrix Soil

Sample Date 7/10/2007

	Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General								-	
General									
Solids Percent	88.8	%			1	5021	7/13/2007	DJB	1
Organic									-
General									
Diesel Range Organics	804	mg/kg	0.62	2	1	DRO95	7/13/2007	MJR	1 54
GRO/PVOC + Naphthaler	ne								
Gasoline Range Organics	3040000	ug/kg	85000	3E+05	50	GRO95/8021	7/18/2007	CJR	1
Benzene	8100	ug/kg	1250	3950	50	GRO95/8021	7/18/2007	CJR	1
Ethylbenzene	58000	ug/kg	1050	3350	50	GRO95/8021	7/18/2007	CJR	1
Methyl tert-butyl ether (MTBE)	< 1250	ug/kg	700	2150	50	GRO95/8021	7/18/2007	CJR	1
Naphthalene	34000	ug/kg	900	2800	50	GRO95/8021	7/18/2007	CJR	1
Toluene	63000	ug/kg	1100	3550	50	GRO95/8021	7/18/2007	CJR	1
1,2,4-Trimethylbenzene	149000	ug/kg	1150	3600	50	GRO95/8021	7/18/2007	CJR	1
1,3,5-Trimethylbenzene	51000	ug/kg	800	2600	50	GRO95/8021	7/18/2007	CJR	ī
m&p-Xylene	241000	ug/kg	850	2650	50	GRO95/8021	7/18/2007	CJR	1
o-Xylene	70000	ug/kg	800	2500	50	GRO95/8021	7/18/2007	CJR	1
									•

Lab Code 5015669J Sample ID B10-3 Sample Matrix Soil Sample Date 7/10/2007

Sample Date //	10/2007									
		Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General		•							<b>.,</b>	
General		•								
Solids Percent		86.1	%			1	5021	7/13/2007	DJВ	1
Organic										•
General										
Diesel Range Organics		146	mg/kg	0.62	2	1	DRO95	7/13/2007	MJR	1 54
GRO/PVOC + Na	phthalene		• •					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	141514	1 34
Gasoline Range Organi	cs	1220000	ug/kg	85000	3E+05	50	GRO95/8021	7/18/2007	CJR	1
Benzene		2950 "J"	ug/kg	1250	3950	50	GRO95/8021	7/18/2007	CJR	1
Ethylbenzene		31000	ug/kg	1050	3350	50	GRO95/8021	7/18/2007	CJR	1
Methyl tert-butyl ether (	MTBE)	< 1250	ug/kg	700	2150	50	GRO95/8021	7/18/2007	CJR	1
Naphthalene		10000	ug/kg	900	2800	50	GRO95/8021	7/18/2007	CJR	1
Toluene		63000	ug/kg	1100	3550	50	GRO95/8021	7/18/2007	CJR	1
1,2,4-Trimethylbenzene		61000	ug/kg	1150	3600	50	GRO95/8021	7/18/2007	CJR	1
1,3,5-Trimethylbenzene		19200	ug/kg	800	2600	50	GRO95/8021	7/18/2007	CJR	1
m&p-Xylene		115000	ug/kg	850	2650	50	GRO95/8021	7/18/2007	CJR	1
o-Xylene		43000	ug/kg	800	2500	50	GRO95/8021	7/18/2007	CJR	1
			3 6	300			011075/0021	1110/2007	CIK	Į.

Project Name WIS AVE. RICHMOND TO BALLARD

< 0.38

< 1.4

< 0.32

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< 0.3

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< 0.46

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< 0.56

< 0.64

< 0.68

< 0.95

< 0.47

< 0.98

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< 0.52

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Project #

E1715B07

Lab Code

4-Chlorotoluene

1,2-Dibromo-3-chloropropane

Dibromochloromethane

1,4-Dichlorobenzene

1,3-Dichlorobenzene

1,2-Dichlorobenzene

1,2-Dichloroethane

1,1-Dichloroethane

1,1-Dichloroethene

cis-1,2-Dichloroethene

1,2-Dichloropropane

2,2-Dichloropropane

1,3-Dichloropropane

Hexachlorobutadiene

Isopropylbenzene

p-Isopropyltoluene

Methylene chloride

Naphthalene

n-Propylbenzene

Tetrachloroethene

Toluene

1,1,2,2-Tetrachloroethane

1,1,1,2-Tetrachloroethane

EDB (1,2-Dibromoethane)

Methyl tert-butyl ether (MTBE)

Di-isopropyl ether

Ethylbenzene

trans-1,2-Dichloroethene

Dichlorodifluoromethane

515669FF

Lab Code	71500711										
Sample ID	B32-1										
Sample Matrix	Soil										
-	7/11/2007										
•		Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code	
m&p-Xylene		< 50	ug/kg	40	129	1	8260B	7/18/2007	CJR	1	
o-Xylene		< 25	ug/kg	23	72	1	8260B	7/18/2007	CIR	1	
Lab Code 5	15669GG										
Sample ID (	TRIP)										
	Vater										
•	//11/2007				•						
		Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code	
Organic											
VOC's											
Benzene		< 0.47	ug/l	0.47	1.5	1	8260B	7/18/2007	CJR	1	
Bromobenzene		< 0.36	ug/l	0.36	1.1	1	8260B	7/18/2007	CJR	1	
Bromodichloromethan	e	< 0.5	ug/l	0.5	1.6	1	8260B	7/18/2007	CJR	1	
Bromoform		< 0.38	ug/l	0.38	1.2	1	8260B	7/18/2007	CJR	1	
tert-Butylbenzene		< 0.34	ug/i	0.34	1.1	I	8260B	7/18/2007	CJR	1	
sec-Butylbenzene		< 0.36	ug/l	0.36	1.2	1	8260B	7/18/2007	СJR	1	
n-Butylbenzene		< 0.52	ug/l	0.52	1.6	1	8260B	7/18/2007	CJR	1	
Carbon Tetrachloride		< 0.46	ug/l	0.46	1.5	1	8260B	7/18/2007	CJR	1	
Chlorobenzene		< 0.31	ug/I	0.31	1	1	8260B	7/18/2007	CJR	1	
Chloroethane		< 0.47	ug/l	0.47	1.5	1	8260B	7/18/2007	CJR	1	
Chloroform		< 0.48	ug/l	0.48	1.5	1	8260B	7/18/2007	CJR	1	
Chloromethane		< 1	ug/l	1	3.3	1	8260B	7/18/2007	CJR	1	
2-Chlorotoluene		< 0.49	ug/l	0.49	1.6	1	8260B	7/18/2007	CJR	1	

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Invoice # E15669

**Project Name** WIS AVE. RICHMOND TO BALLARD Invoice # E15669 E1715B07

Project #

515669GG Lab Code Sample ID TRIP Water Sample Matrix 7/11/2007 Sample Date

	Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B	7/18/2007	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5	1	8260B	7/18/2007	CJR	1
1,1,1-Trichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B	7/18/2007	CJR	1
1,1,2-Trichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B	7/18/2007	CJR	1
Trichloroethene (TCE)	< 0.44	ug/l	0.44	1.4	1	8260B	7/18/2007	CJR	1
Trichlorofluoromethane	< 0.61	ug/I	0.61	1.9	1	8260B	7/18/2007	CJR	1
1,2,4-Trimethylbenzene	< 1.2	ug/I	1.2	3.8	1	8260B	7/18/2007	CJR	1
1,3,5-Trimethylbenzene	< 0.37	ug/l	0.37	1.2	I	8260B	7/18/2007	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.63	1	8260B	7/18/2007	CJR	1
m&p-Xylene	< 0.67	ug/I	0.67	2.1	ì	8260B	7/18/2007	CJR	1
o-Xylene	< 0.32	ug/l	0.32	1	1	8260B	7/18/2007	CJR	1

515669HH Lab Code TW1 Sample ID Sample Matrix Water 7/11/2007 Sample Date

	Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021	7/23/2007	CJR	1
Ethylbenzene	< 0.44	ug/l	0.44	1.39	1	GRO95/8021	7/23/2007	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.53	ug/l	0.53	1.7	1	GRO95/8021	7/23/2007	CJR	1
Naphthalene	< 0.53	ug/l	0.53	1.7	1	GRO95/8021	7/23/2007	CJR	1
Toluene	< 0.26	ug/l	0.26	0.83	1	GRO95/8021	7/23/2007	CJR	1
1,2,4-Trimethylbenzene	< 0.45	ug/l	0.45	1.43	1	GRO95/8021	7/23/2007	CJR	3 64
1,3,5-Trimethylbenzene	< 0.22	ug/l	0.22	0.7	1	GRO95/8021	7/23/2007	CJR	1
m&p-Xylene	< 0.68	ug/I	0.68	2.18	1	GRO95/8021	7/23/2007	CJR	23 64
o-Xylene	1.75	ug/l	0.53	1.68	1	GRO95/8021	7/23/2007	CJR	3 64

515669II Lab Code TW2 Sample ID Sample Matrix Water . Sample Date 7/11/2007

•	Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021	7/23/2007	CJR	1
Ethylbenzene	< 0.44	ug/l	0.44	1.39	1	GRO95/8021	7/23/2007	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.53	ug/l	0.53	1.7	1	GRO95/8021	7/23/2007	CJR	1
Naphthalene	< 0.53	ug/l	0.53	1.7	1	GRO95/8021	7/23/2007	CJR	1
Toluene	< 0.26	ug/l	0.26	0.83	1	GRO95/8021	7/23/2007	CJR	1
1,2,4-Trimethylbenzene	< 0.45	ug/l	0.45	1.43	. 1	GRO95/8021	7/23/2007	CJR	3 64
1,3,5-Trimethylbenzene	< 0.22	ug/l	0.22	0.7	1	GRO95/8021	7/23/2007	CJR	1
m&p-Xylene	< 0.68	ug/l	0.68	2.18	1	GRO95/8021	7/23/2007	CJR	23 64
o-Xylene	< 0.53	ug/l	0.53	1.68	1	GRO95/8021	7/23/2007	CJR	3 64

Proiect #

E1715B07

Lab Code 515669GG
Sample ID TRIP
Sample Matrix Water
Sample Date 7/11/2007

	Result	Unit	LOD	LOO	Dil	Method	Run Date	Analyet	Code
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B	7/18/2007	CJR	Coue
1,2,3-Trichlorobenzene	< 1.6	ug/i	1.6	5	1	8260B			1
1,1,1-Trichloroethane	< 0.5	ug/l	0.5	1.6	1		7/18/2007	CJR	1
1,1,2-Trichloroethane	< 0.5	<del>-</del>			ı	8260B	7/18/2007	CJR	1
• •		ug/l	0.5	1.6	I	8260B	7/18/2007	CJR	1
Trichloroethene (TCE)	< 0.44	ug/l	0.44	1.4	1	8260B	7/18/2007	CJR	1
Trichlorofluoromethane	< 0.61	ug/I	0.61	1.9	1	8260B	7/18/2007	CJR	1
1,2,4-Trimethylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B	7/18/2007	CJR	,
1,3,5-Trimethylbenzene	< 0.37	ug/l	0.37	1.2	ì	8260B	7/18/2007	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.63	1	8260B	7/18/2007		1
m&p-Xylene	< 0.67	•						CJR	1
• •	• • • • • • • • • • • • • • • • • • • •	ug/l	0.67	2.1	1	8260B	7/18/2007	CJR	1
o-Xylene	< 0.32	ug/l	0.32	I	1	8260B	7/18/2007	CJR	1

Lab Code 515669HH
Sample ID TW1
Sample Matrix Water

7/11/2007

Sample Date

Result Unit LOD LOQ Dil Method Run Date Analyst Code Organic PVOC + Naphthalene Benzene < 0.22 ug/l 0.22 0.69 1 GRO95/8021 7/23/2007 CJR 1 Ethylbenzene < 0.44 ug/l 0.44 1.39 1 GRO95/8021 7/23/2007 CJR 1 Methyl tert-butyl ether (MTBE) < 0.53 ug/I 0.53 1.7 1 GRO95/8021 7/23/2007 CJR 1 Naphthalene < 0.53 ug/l 0.53 1.7 1 GRO95/8021 7/23/2007 CJR 1 Toluene < 0.26 ug/l 0.26 0.83 1 GRO95/8021 7/23/2007 CJR 1 1,2,4-Trimethylbenzene < 0.45 ug/l 0.45 1.43 1 GRO95/8021 7/23/2007 CJR 3 64 1,3,5-Trimethylbenzene < 0.22 ug/l 0.22 0.7 1 GRO95/8021 7/23/2007 CJR 1 m&p-Xylene < 0.68 ug/I 0.68 2.18 1 GRO95/8021 7/23/2007 CJR 23 64 o-Xylene 1.75 ug/l 0.53 1.68 GRO95/8021 7/23/2007 CJR 3 64

Lab Code515669IISample IDTW2Sample MatrixWaterSample Date7/11/2007

-	Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyzet	Code
Organic				•			Xun Date	Amaryst	Code
PVOC + Naphthalene									
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021	7/23/2007	CJR	
Ethylbenzene	< 0.44	ug/l	0.44	1.39	1	GRO95/8021	7/23/2007	CJR CJR	1
Methyl tert-butyl ether (MTBE)	< 0.53	ug/I	0.53	1.7	1	GRO95/8021	7/23/2007	CJR CJR	1
Naphthalene	< 0.53	ug/l	0.53	1.7	1	GRO95/8021	7/23/2007	CJR	1
Toluene	< 0.26	ug/l	0.26	0.83	1	GRO95/8021	7/23/2007	CJR	1
1,2,4-Trimethylbenzene	< 0.45	ug/l	0.45	1.43	1	GRO95/8021	7/23/2007	CJR	3 64
1,3,5-Trimethylbenzene	< 0.22	ug/J	0.22	0.7	1	GRO95/8021	7/23/2007	CJR	J 04
m&p-Xylene	< 0.68	ug/I	0.68	2.18	1	GRO95/8021	7/23/2007		23 64
o-Xylene	< 0.53	ug/I	0.53	1.68	1	GRO95/8021	7/23/2007	CJR	3 64

Project Name WIS AVE. RICHMOND TO BALLARD

Project #

E1715B07

Lab Code

515669MM

Sample ID

TW6

Sample Matrix Water

Sample Date

7/11/2007

	Result	Unit	LOD	LOQ	Dil	Metbod	Run Date	Analyst	Code
cis-1,2-Dichloroethene	< 0.68	ug/l	0.68	2.2	1	8260B	7/18/2007	CJR	1
trans-1,2-Dichloroethene	< 0.95	ug/l	0.95	3	1	8260B	7/18/2007	CJR	1
1,2-Dichloropropane	< 0.47	ug/l	0.47	1.5	1	8260B	7/18/2007	CJR	1
2,2-Dichloropropane	< 0.98	ug/l	0.98	3.1	Ī	8260B	7/18/2007	CJR	1
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.3	1	8260B	7/18/2007	CJR	1
Di-isopropyl ether	< 1.3	ug/l	1.3	4.1	1	8260B	7/18/2007	CJR	1
EDB (1,2-Dibromoethane)	< 0.49	ug/l	0.49	1.5	1	8260B	7/18/2007	CJR	1
Ethylbenzene	< 0.38	ug/l	0.38	1.2	1	8260B	7/18/2007	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.9	1	8260B	7/18/2007	CJR	1
Isopropylbenzene	< 0.48	ug/l	0.48	1.5	1	8260B	7/18/2007	CJR	1
p-Isopropyltoluene	< 0.35	ug/l	0.35	1.1	1	8260B	7/18/2007	CJR	1
Methylene chloride	< 0.69	ug/l	0.69	2.2	1	8260B	7/18/2007	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.52	ug/I	0.52	1.6	1	8260B	7/18/2007	CJR	1
Naphthalene	< 1.8	ug/l	1.8	5.6	1	8260B	7/18/2007	CJR	1
n-Propylbenzene	< 0.38	ug/l	0.38	1.2	1	8260B	7/18/2007	CJR	l
1,1,2,2-Tetrachloroethane	< 0.75	ug/l	0.75	2.4	1	8260B	7/18/2007	CJR	1
1,1,1,2-Tetrachloroethane	< 0.65	ug/l	0.65	2.1	1	8260B	7/18/2007	CJR	1
Tetrachloroethene	< 0.52	ug/l	0.52	1.6	1	8260B	7/18/2007	CJR	1
Toluene	1.14 "J"	ug/l	0.46	1.5	1	8260B	7/18/2007	СJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B	7/18/2007	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5	1	8260B	7/18/2007	CJR	1
1,1,1-Trichloroethane	< 0.5	ug/I	0.5	1.6	1	8260B	7/18/2007	CJR	1
1,1,2-Trichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B	7/18/2007	CJR	1
Trichloroethene (TCE)	< 0.44	ug/i	0.44	1.4	ŀ	8260B	7/18/2007	CJR	1
Trichlorofluoromethane	< 0.61	ug/l	0.61	1.9	1	8260B	7/18/2007	CJR	1
1,2,4-Trimethylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B	7/18/2007	CJR	1
1,3,5-Trimethylbenzene	< 0.37	ug/l	0.37	1.2	1	8260B	7/18/2007	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.63	1	8260B	7/18/2007	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.1	1	8260B	7/18/2007	CJR	1
o-Xylene	< 0.32	ug/l	0.32	1	1	8260B	7/18/2007	CJR	1

Invoice # E15669

515669NN Lab Code Sample ID Sample Matrix Water

Sample Date

7/11/2007

Dumple Dute //11/2007										
	Result	Unit	LOD	LOQ	Dil	Method	Run Date	Analyst	Code	
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021	7/23/2007	СJR	1	
Ethylbenzene	< 0.44	ug/l	0.44	1.39	1	GRO95/8021	7/23/2007	CJR	1	
Methyl tert-butyl ether (MTBE)	< 0.53	ug/I	0.53	1.7	1	GRO95/8021	7/23/2007	CJR	1	
Naphthalene	< 0.53	ug/l	0.53	1.7	1	GRO95/8021	7/23/2007	CJR	1	
Toluene	0.35 "Ј"	ug/l	0.26	0.83	1	GRO95/8021	7/23/2007	CJR	1	
1,2,4-Trimethylbenzene	< 0.45	ug/l	0.45	1.43	1	GRO95/8021	7/23/2007	CJR	3 64	
1,3,5-Trimethylbenzene	< 0.22	ug/l	0.22	0.7	1	GRO95/8021	7/23/2007	CJR	1	
m&p-Xylene	< 0.68	ug/l	0.68	2.18	1	GRO95/8021	7/23/2007	CJR	23 64	
o-Xylene	< 0.53	ug/l	0.53	1.68	1	GRO95/8021	7/23/2007	CJR	3 64	

**Project Name** WIS AVE. RICHMOND TO BALLARD

Project #

m&p-Xylene

o-Xylene

E1715B07

51566900 Lab Code Sample ID

Invoice # E15669

34

26.5

109

84

50

50

GRO95/8021

GRO95/8021

7/23/2007

7/23/2007

CJR

CJR

23 64

3 64

ug/l

ug/l

6000

2500

Project Name WIS AVE. RICHMOND TO BALLARD E1715B07

Invoice # E15669

"J" Flag: Analyte detected bet	tween LOD and LOQ	LOD Limit of Detection	LOQ Limit of Quantitation
Code	Comment		
1	Laboratory QC within lim	its.	
2	Relative percent differen	ce failed for laboratory spiked sampl	es.
3	The matrix spike not with	in established limits.	
4	The continuing calibration	n standard not within established lim	its.
54	Possible gasoline contan	nination indicated outside DRO wind	ow.
64	Spike recovery failed due	to matrix interference. Sample res	ults unaffected.
	Authorized Signature	Michael J. Ricker	

## CHAIN C. CUSTODY RECORD

Lab I.D.# Account No Sampler: (si Project #:

## Synergy

3234	と
Chain # No	Page 1 of

				STREET, CONTROL OF THE PARTY OF	u T		" SX.40% SPLANK ADD. AMM.			题			
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Project #: E1715807	715807					7	-	•	:			Rush Analysis Date Required	
Sampler: (signature) Kon Buttnaclen	" Am Bu	thacken			т	1990 920	1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631	it. • Appleto • FAX 920-	n, WI 5491. 733-0631	4	ے 	(nushes accepted only with prior authorization)  X Normal Turn Around	Ē
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FAX 920/	920/830-6100	2	"	FAX					Mod A93	13) V 8 Ac	154		
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Comments/Special Instructions (*Specify groundwater "GW" Drinking Water "G	al Instructions (*	Specify aroun	dwater	"/V/U	Drinking	14/2+0x "AIO" 1	Vente 18/242	O manage	7				1

Drinking water "Dw", waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.) Comments/8

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Cooler seal intact upon receipt 🗹 Yes

Sample Integrity - To be completed by rece Melhod of Shipment: こんしん

CHAIN C CUSTODY RECORD

Quote No.:

Sampler: (signature)

Project #: E1715 807

Account No.:

Synergy

Environmental Lab, Inc.

3235 Page 2 of 4 Chain # No

Sample Handling Request

(Rushes accepted only with prior authorization) Rush Analysis Date Required

> 1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631

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Received in Laboratory By:

Received By: (sign) Date

Time

Date

Time

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Time:

Date: フ/ル/っ>

# CHAIN C. CUSTODY RECORD

Quote No.: しずし Project #: E (7/5/BO 7 Account No.: Lab I.D. #

Sampler: (signature)

## Synergy

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631

3236 Page 3 of 4 Chain # No

Sample Handling Request

(Rushes accepted only with prior authorization) Rush Analysis Date Required

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Received in Laboratory By;

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Received By: (sign)

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# CHAIN C CUSTODY RECORD

Synergy

Environmental Lab, Inc. 1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631

Quote No.:

Sampler: (signature) Non Che

Project #: E(7/5807

Account No.:

3231 Chain # No

, o l Page\_\_\_ Sample Handling Request

(Rushes accepted only with prior authorization) Rush Analysis Date Required

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Received in Laboratory By;

Date: 7/11/2-

Time: (1) pm

## CHAIN C. CUSTODY RECORD

Account No.:

Quote No.:

Project #: E1715\_B0

Sampler: (signature)

Synergy

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631

Page 2 of 4

3228

Chain # No

Sample Handling Request

(Rushes accepted only with prior authorization) Rush Analysis Date Required X Normal Turn Around

진 진 고 Other Analysis Analysis Requested phthopn メメ × 노 X X × Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.) Total Suspended Solids (OYS8 A93) HA9 VOC DW (EPA 524.2) VOC (EPA 8260) XX PVOC (EPA 8021) メメ GRO ( Mod GRO Sep 95) (36 q9S OAG boM) OAG Preservation nong Richmond to Ballard Type (Matrix)\* Sample Sol cto OMNNI Containers Invoice To: Was DO No. of 2 C8 2 Z 2 2 7 2 Filtered City State Zip Σ JE HIS, Company Address Phone Comp Grab FAX Project (Name / Location): Wiscousin Ave 1:05 1:30 8,9 7/10/07 17:40 13:15 6,05 2:35 Date Time 2,12 Collection 24.6 COVIL Reports To: Don Brithnacher Company OMNN/ Associates Sample I.D. B11-3 B12-3 B13-7 Bi7-2 B15-2 B14-2 B15-2 B16-2 B19-3 B36-1 City State Zip O l de l Address Phone FAX

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Received in Laboratory By:

Received By: (sign) Date M.W.Ph

Date

Time

Time: 5.25 PM

Date: フ////

CHAIN C CUSTODY RECORD

Quote No.:

Sampler: (signature)  $\Omega_{\nu}$ 

Project #: E/715 B07

Account No.:

Synergy

Environmental Lab, Inc.

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Chain # Nº 3229

Page 3 of 4

Sample Handling Request

(Rushes accepted only with prior authorization) Rush Analysis Date Required

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Date

Time

## CHAIN C SUSTODY RECORD

Account No.:

Quote No.: U&C Project #: E171580

Sampler; (signature)

Synergy

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631

Page 4 of 4 Chain # No

3233

Rush Analysis Date Required Sample Handling Request

(Rushes accepted only with prior authorization)

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Received in Laboratory By: 1111 Lan

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Date: 7///√>

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Date

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